September 15, 1966

TECHNICAL TRANSLATIONS

KORNHAUSER MEMORIAL MEDICAL LIBRARY
OCT 19 1966
UNIVERSITY OF LOUISVILLE

ПЕРЕВОДЫ
ÜBERSETZUNGEN
TRADUCTIONS
TRADUZIONI
PRZEKŁADY
TRADUCCIONES
ПРЕВОДИ-PRIJEVODI
PŘEKLADY
תרגומים
ترجمات
翻譯文
譯書

A
V.16 #5

CLEARINGHOUSE
FOR FEDERAL SCIENTIFIC AND TECHNICAL INFORMATION

U. S. DEPARTMENT OF COMMERCE / NATIONAL BUREAU OF STANDARDS / INSTITUTE FOR APPLIED TECHNOLOGY

September 15, 1966 Volume 16, Number 5

TECHNICAL TRANSLATIONS

Issued twice a month by the Clearinghouse for Federal Scientific and Technical Information in cooperation with the Special Libraries Association Translations Center and the European Translations Centre. Annual subscription $12 ($4 additional for foreign mailing). Single copy 60 cents. Make remittance payable to Superintendent of Documents and mail either to a Department of Commerce Field Office or to Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Address changes are to be made to Superintendent of Documents.

PURPOSE

Technical Translations announces to the public the availability and provides order information for translated scientific and technical reports, periodicals and books. Although most of the literature has been translated into English, some is in other Western European languages. The language of the translation, if other than English, is noted in the citation. Most of the material is of Soviet origin, but works from Eastern and Western European countries and from the Orient, especially Japan and Communist China, are also cited. In order to avoid duplication of effort, translations in process are also announced.

FORMAT

This journal is separated into five sections:

(1) Bibliographic citations are divided into 22 major fields; they are further subdivided alphanumerically under 178 groups. References to sources of original text are given as they appear on the translation, with sufficient editing to assure uniformity in citations.

(2) Translations in Process lists titles of translations being prepared by government and private sources. All Special Foreign Currency Science Information (SFCSI) Program translations are listed (formerly PL 480 Program).

(3) Translated or Abstracted Publications lists titles of approximately 190 technical and scientific periodicals regularly translated into English. Included is a cross reference by English title.

(4) Translated Tables of Contents of recent issues of monographs, journals, and journal sections; they are preceded by a list of the English titles of the publications from which they are taken.

(5) Indexes: three indexes are arranged by author, journal and number.

HOW TO ORDER

Each bibliographic entry contains the acronym or initials of the agency from which the translation is to be ordered; these are keyed to the complete list of ordering addresses listed in the pages headed "Directory of Sources." Order by the title and number given in the citation. Translations available from the Clearinghouse (CFSTI) often have alternative prices cited as hard copy (HC) and microfiche copy (MF). Make check or money order payable to agency indicated. Most of the literature is available from the Clearinghouse, the Special Libraries Association Translations Center (SLA), or the European Translations Centre (ETC).

REFERENCE SERVICE

Reference services for the location and identification of translated materials, completed or in process, are provided by the Clearinghouse, Special Libraries Association Translations Center, and the European Translations Centre. Mailing addresses are listed in "Directory of Sources."

TRANSLATORS

The work of translating the material listed is being done at many points, domestic and foreign, government and private. Among them are the Joint Publications Research Service, which translates foreign research at the request of other Federal agencies; commercial translators; publishers; and universities. The Special Foreign Currency Science Information Program, administered by the National Science Foundation, produces translations prepared in the participating countries of Israel, Poland and Yugoslavia. The Special Libraries Association is responsible for collecting translations from non-government sources, domestic and foreign; and the Clearinghouse from foreign and U.S. Government sources. Translators may have their works cited in the journal by sending the bibliographic and availability information to the Clearinghouse. A copyright release statement is required if the works are to be sold by the Clearinghouse.

U.S. DEPARTMENT OF COMMERCE
John T. Connor, Secretary

CLEARINGHOUSE FOR FEDERAL SCIENTIFIC AND TECHNICAL INFORMATION
Springfield, Va. 22151
Bernard M. Fry, Director

Contents may be reprinted freely. Mention of source will be appreciated.
Use of Funds for printing this publication approved by the Director of the Bureau of the Budget, November 22, 1961.

UNITED STATES DEPARTMENT OF COMMERCE
Clearinghouse for Federal Scientific and Technical Information
Springfield, Va. 22151

TECHNICAL TRANSLATIONS

KORNHAUSER MEMOR
MEDICAL LIBRARY
OCT 13 1966
UNIVERSITY
OF LOUISVILL

01 AERONAUTICS

A. Aerodynamics

TT-65-30823 Field 1A, 20M, 20K

ENGINEERING JOURNAL, VOL. 4, NO. 4, 1964.
26 Apr 65, 207p, 87refs. JPRS-29763; N65-(23402-23421).
Order from CFSTI or ETC: HC$6.00, MF$1.25
as TT-65-30823

Trans. of Inzhenernyi Zhurnal (USSR) v4 n4 p619-59, 673-784 1964.

TT-65-61923 Field 1A, 22A

Nam Tum Po.
ON THE ROTATIONAL MOTION OF A SPHERICAL SATELLITE UNDER THE ACTION OF RETARDING AERODYNAMICAL MOMENTS (O Vrashchatelnom Deistvii Tormozyashchikh Aerodinamicheskikh Momentov). 22 Jan 65, 10p. NASA-TT-F-9630; N65-15059; ST-CM-AD-10280.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as N65-15059

Trans. of Leningrad Univ. Vestnik (USSR)
v19 n19, Seriya Matematiki, Mekhaniki i Astronomii n4 p129-34 1964.
Contract NAS-5-3760.

TT-66-60379 Field 1A, 12A, 20D

Reznikov, B. N.; Smyslov, Yu. N.
INVESTIGATION OF THE SYSTEM OF EQUATIONS OF THE BOUNDARY LAYER IN A COMPRESSIBLE GAS NEAR THE STAGNATION LINE. 3 Jan 66, 12p, 4refs.
FTD-TT-65-1773; AD-627 126.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-627 126

Unedited rough draft trans. of Zhurnal Prikladnoi Mekhaniki i Tekhnicheskoi Fiziki (USSR)
n3 p85-8 1965.

TT-66-60593 Field 1A, 20K, 20D

Grigolyuk, E. I.; Mikhailov, A. P.
FLUTTER OF SANDWICH CYLINDRICAL SHELLS.
1965, 6p, 8refs.
Order from CFSTI , SLA, or ETC: HC$1.10, MF$0.50
as TT-66-60593

Trans. of Inzhenernyi Zhurnal (USSR) v5 n6 p1087-91 1965.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-60648 Field 1A

Koshmarov, Yu. A.
EFFECT OF RAREFACTION ON THE PROCESSES OF GASDYNAMIC FRICTION DURING BLOWING OR SUCTION THROUGH THE WALL ADJACENT TO THE FLOW.
Jan 66, 11p, refs. NASA-TT-F-406; N66-14054.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as N66-14054

Trans. of Inzhenerno-Fizicheskii Zhurnal (USSR) v7 n6 p48-54 1964.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-60654 Field 1A

Bezhanov, K. A.
HORIZONTAL AND AXISYMMETRIC TRANSITIONAL GAS DYNAMICS AT THE ANTERIOR BORDER OF A STREAMLINED BODY. Dec 65, 7p, refs. NASA-TT-F-9455; N66-13480.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as N66-13480

Trans. of Akademiya Nauk SSSR. Izvestiya. Mekhanika, n2 p168-70 1965.

TT-66-61163 Field 1A

Ankudinov, A. L.
RESULTS OF CALCULATION OF THE BOUNDARY LAYER OF BLUNTED CONES IN SUPERSONIC FLOW (Rezultaty Rascheta Pogranichnogo Sloya na Zatuplennykh Konusakh v Sverkhzvukovom Potoke).
Tr. by Arnold S. Berenson. Mar 66, 14p, 3refs.
AmMetSoc-T-R-591; AD-631 971.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-631 971

Trans. of Zhurnal Vychisliteinoi Matematicheskoi Fiziki (USSR) v5 n5 p960-6 1965.
Translated under Contract AF 19(628)-3880.

C. Aircraft

TT-66-60395 Field 1C

Nikolaev, N. I.
FLYING CROSS COUNTRY VEHICLE. 1963, 118p.
Trans-1068; AD-627 252.
Available on loan from CFSTI as TT-66-60395

Trans. of mono. Letayushchii Vezdekhod, Moscow, 1963 103p.

TT-66-60797 Field 1C

Hummel, D.
RESEARCH ON VORTEX BREAKDOWN ON SLENDER DELTA WINGS. Oct 65, 23p, refs. ARA-Lib-Trans-12; N66-15581.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as N66-15581

Trans. of Zeitschrift fuer Flugwissenschaften (West Germany) v13 n5 1965.
Presented at Joint Meeting of NGLR and DGRR, Berlin, 14-8 Sep 1964.

E. Air facilities

TT-66-32715 Field 1E

Shmakov, F.
THE TECHNICAL INSPECTION AND CONTROL GROUP AT THE FIELD AIRBASE. 30 Jun 66, 12p. JPRS-36282.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32715

Trans. of Aviatsiya i Kosmonavtika (USSR) p71-6 May 66.

02 AGRICULTURE

TT-66-32448 Field 2-

SOVIET AGRICULTURE: TRANSLATIONS NO. 129.
15 Jun 66, 40p. JPRS-36014.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32448

TT-66-32533 Field 2-

SOVIET AGRICULTURE: TRANSLATIONS NO. 130.
21 Jun 66, 13p. JPRS-36099.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32533

TT-66-32645 Field 2-

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: AGRICULTURAL SCIENCES AND TECHNOLOGY NO. 14.
27 Jun 66, 8p. JPRS-36212.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32645

TT-66-32656 Field 2-

SOVIET AGRICULTURE: TRANSLATIONS NO. 132.
28 Jun 66, 8p. JPRS-36223.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32656

TT-66-32676 Field 2-

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: AGRICULTURAL SCIENCES AND TECHNOLOGY NO. 15.
29 Jun 66, 14p. JPRS-36243.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32676

TT-66-32704 Field 2-

SOVIET AGRICULTURE: TRANSLATIONS NO. 133.
30 Jun 66, 18p. JPRS-36271.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32704

B. Agricultural economics

TT-65-34015 Field 2B, 8B

Tolchelnikov, Yu. S.
AERIAL METHODS IN MAPPING AGRICULTURAL RESOURCES. 21 Dec 65, 4p. JPRS-33441.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-34015

Trans. of Vestnik Selskokhozyaistvennoi Nauki (USSR) v10 n10 p28-30 1965.

TT-66-32190 Field 2B, 5D, 6C, 6A, 13C

COMMUNIST CHINA'S SCIENCE AND TECHNOLOGY: TRANSLATIONS NO. 319. 31 May 66, 65p. JPRS-35755.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-32190

TT-66-32511 Field 2B

Chou Li-San; Wu Chuan-Chun; Chao Sung-Chiao; Sun Cheng-Lieh.
PRELIMINARY RESEARCH ON AGRICULTURAL REGIONS IN THE MIXED AGRO-PASTORAL REALM OF KANSU AND TSINGHAI. 20 Jun 66, 214p. JPRS-36077.
Order from CFSTI or ETC: HC$6.00, MF$1.25
as TT-66-32511

Trans. of mono. Kan Ch'ing Nung Mu Chiao-Ts'o Ti-Chu Nung-Yeh Ch'u Hua Ch'u Pu Yen Chiu, Peiping, 1958 80p.

TT-66-32670 Field 2B, 5C

EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 449.
29 Jun 66, 47p. JPRS-36237.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32670

C. Agricultural engineering

TT-65-50062 Field 2C, 8M, 8B, 2F, 2B

Tyurin, I. V., ed.; Gerasimov, I. P., ed.; Ivanova, E. N., ed.; Nosin, V. A., ed.
SOIL SURVEY: A GUIDE TO FIELD INVESTIGATIONS AND MAPPING OF SOILS. Tr. by N. Kaner. 1965, 364p, 115refs. SFCSI-Agr(TT-65-50062).
Order from CFSTI: HC$7.00 as TT-65-50062

Trans. of mono. Pochvennaya Semka: Rukovodstvo po Polevym Issledovaniyam i Kartirovaniyu Pochv, Moscow, 1959 348p.

TT-66-32453 Field 2C

USSR INDUSTRIAL DEVELOPMENT: SOVIET TRACTORS AND AGRICULTURAL MACHINERY NO. 276. 15 Jun 66, 42p. JPRS-36019.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32453

TT-66-32589 Field 2C

USSR INDUSTRIAL DEVELOPMENT: SOVIET TRACTORS AND AGRICULTURAL MACHINERY NO. 277.
23 Jun 66, 20p. JPRS-36155.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32589

TT-66-32686 Field 2C, 2D

LARGE-SCALE DEVELOPMENT OF LAND IMPROVEMENT TO OBTAIN HIGH AND STABLE YIELDS OF GRAIN AND OTHER AGRICULTURAL CROPS. 29 Jun 66, 12p. JPRS-36253.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32686

Trans. from Pravda, Moscow (USSR) 19 Jun p1-2 1966.

TT-66-51052 Field 2C, 8H, 8M

Feltsiant, I. N.
REGULARITY OF CAPILLARY MOVEMENT OF WATER AND OF SALT SOLUTIONS IN STRATIFIED SOILS: AN EXPERIMENTAL STUDY. Tr. by N. Kaner. 1966, 97p, 64refs. SFCSI-Int(TT-66-51052).
Order from CFSTI: $3.00 as TT-66-51052

Trans. of mono. Opyt Izucheniya Zakonomernostei Kapillyarnogo Peredvizheniya Vody i Rastvorov Solei v Sloistykh Gruntakh, Tashkent, 1961.

D. Agronomy and horticulture

TT-65-50078 Field 2D, 2E

Lisenkov, A. P.
STOREHOUSES OF PROTEINS: LEGUMINOUS PLANTS-VALUABLE FODDER CROPS (Kladove Belka. Zernobobovye-Zennaya Kormovaya Kultura). 1965, 5p. SFCSI-Agr(TT-65-50078).
Order from CFSTI: $1.00 as TT-65-50078

Trans. of Priroda (USSR) v51 n4 p12-4 1962.

TT-66-32650 Field 2D

COMMUNIST CHINA'S FOOD AND AGRICULTURE: TRANSLATIONS NO. 104. 28 Jun 66, 28p. JPRS-36217.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-32650

TT-66-32699 Field 2D, 2C

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: AGRICULTURAL SCIENCES AND TECHNOLOGY NO. 16. Chinese Agricultural Science. 30 Jun 66, 19p. JPRS-36266.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32699

F. Forestry

TT-65-50045 Field 2F

Olshanskii, M. A.; Zelman, D. P.
TEN YEARS OF CLUSTER SOWING OF OAK (Desyatiletnii Opyt Gnezcovykh Posevov Duba). 1965, 24p. SFCSI-Agr(TT-65-50045).
Order from CFSTI: $1.00 as TT-65-50045

Trans. of Agrobiologiya (USSR) n5(125) p713-34 1960.

TT-65-50357 Field 2F, 6C, 6F

Dominik, T.; Madej, T.
INVESTIGATION INTO MYCOTROPHY IN THE PINE ASSOCIATION, STARZENINA FOREST DISTRICT (Badanie Mykotrofizmu Zespolu Sosnowego w Lesnictwie Starzenina). 1966, 6p, 4refs. SFCSI-Agr(TT-65-50357).
Order from CFSTI: $1.00 as TT-65-50357

Trans. of Instytut Badawczy Lesnictwa. Prace (Poland) n259 p61-9 1963.

TT-66-32234 Field 2F, 2B, 2D, 6 2A, 2E

EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 442. 2 Jun 66, 88p. JPRS-35799.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-66-32234

TT-66-32488 Field 2F, 5C

COMMUNIST CHINA'S FOOD AND AGRICULTURE: TRANSLATIONS NO. 103. 17 Jun 66, 16p. JPRS-36054.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32488

TT-66-51076 Field 2F, 6C, 6F

Stark, V. N.
RESULTS AND PROSPECTS OF RESEARCH ON PESTS AND DISEASES OF SHELTERBELT FOREST STANDS [Itogi i Perspektivy Rabot po Izucheniyu Vreditelei i Boleznei Lesnykh Polezashchitnykh Nasazhenii). 1966, 11p. SFCSI-Agr(TT-66-51076).
Order from CFSTI: $1.00 as TT-66-51076

Trans. of Vsesoyuznyi Nauchno-Issledovatelskii Institut Zashchity Rastenii. Trudy (USSR) n8 p5-17 1957.

TT-66-51078 Field 2F, 6C

Tolmachev, A. I.
IDENTIFICATION OF FIRS GROWING ON SAKHALIN ISLAND (K Poznaniyu Pikht, Proizrastayuschikh na Ostrove Sakhaline). 1966, 10p, 9refs. SFCSI-Agr(TT-66-51078).
Order from CFSTI: $1.00 as TT-66-51078

Trans. of Akademiya Nauk SSSR, Botanicheskii Institut. Botanicheskie Materialy Gerbariya, v16 p29-38 1954.

TT-66-51089 Field 2F

Ustinovskaya, L. T.
FOREST SHELTERBELTS FROM THE VIEWPOINT OF ECONOMIC EFFECTIVENESS (Ekonomicheskaya Otsenka Effektivnosti Polezashchitnykh Lesnykh Polos). 1966, 6p. SFCSI-Agr(TT-66-51089).
Order from CFSTI: HC$1.00. as TT-66-51089

Trans. of Vestnik Selskokhozyaistvennoi Nauki (USSR) v4 n11 p98-102 1959.

TT-66-51092 Field 2F

Rangelov, K. N.
THE METHOD OF INVESTIGATION OF ROOT PRESSURE IN TREE SPECIES (Metod Issledovaniya Kornevogo Davleniya u Drevesnykh Porod). 1966, 5p, 6refs. SFCSI-Agr(TT-66-51092).

Order from CFSTI: HC$1.00 as TT-66-51092

Trans. of Bulgarska Akademiya na Naukite, Sofia. Doklady, v14 n4 p381-4 1961.

TT-66-51093 Field 2F

Redko, G. I.
INFLUENCE OF THE BLACK ALDER (ALNUS GLUTINOSA GAERTN) ON THE PRODUCTIVITY OF THE CANADIAN POPLAR (POPULUS CANADENSIS MNCH (Vplyv Chornoi Vilkhy (Alnus Glutinosa Gaertn). na Produktyvnist Kanadskoi Topoli (Populus Canadensis Mnch)). 1966, 5p, 1ref. SFCSI-Agr(TT-66-51093).
Order from CFSTI: HC$1.00 as TT-66-51093

Trans. of Akademiya Nauk URSR, Kiev. Dopovidi, n3 p343-6 1958.

TT-66-51094 Field 2F

Komlev, A. A.
FIELD PROTECTIVE AFFORESTATION AND THE INCREASE IN FINANCIAL YIELD OF AGRICULTURE (Polezashchitnoe Lesorazvedenie i Povyshenie Rentabelnosti Zemledeliya). 1966, 5p. SFCSI-Agr(TT-66-51094).
Order from CFSTI: HC$1.00, as TT-66-51094

Trans. of Selskoe Khozyaistvo Povolzhya (USSR) v6 n12 p43-5 1960.

TT-66-51101 Field 2F

NEWS OF INSTITUTES OF HIGHER LEARNING. FORESTRY JOURNAL: SELECTED ARTICLES. 1966, 46p, 24refs. SFCSI-Agr(TT-66-51101).
Order from CFSTI: $2.00 as TT-66-51101

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Lesnoi Zhurnal (USSR) v4 n5 p16-20, 51-2 1961; v5 n1 p34-7; n2 p152-60; n3 p165-6; n5 p37-42 1962; v6 n2 p13-21 1963.

TT-66-51103 Field 2F

FOREST ECONOMY: SELECTED ARTICLES. 1966, 35p. SFCSI-Agr(TT-66-51103).
Order from CFSTI: $2.00 as TT-66-51103

Trans. of Lesnoe Khozyaistvo (USSR) v14 n5 p25-7 1961; v15 n1 p43-4; n3 p27-8; n6 p54-6; n7 p32-4; n9 p42-7; n10 p36-7; n11 p36-8 1962.

03 ASTRONOMY AND ASTROPHYSICS

B. Astrophysics

TT-61-11147-100 Field 3B

SOVIET-BLOC RESEARCH IN GEOPHYSICS, ASTRONOMY, AND SPACE, NO. 100. 19 Jan 65, 79p. JPRS-28367.
Order from CFSTI: HC$3.00, MF$0.75 as TT-61-11147-100

Also available on subscription $16.00/year $20.00/year foreign.

TT-61-11147-125 Field 3B

SOVIET-BLOC RESEARCH IN GEOPHYSICS, ASTRONOMY, AND SPACE, NO. 125. 3 Feb 66, 92p. JPRS-33993.
Order from CFSTI: HC$3.00, MF$0.75 as TT-61-11147-125

Also available on subscription $1600/year, foreign $20.00/year.

TT-61-11147-134 Field 3B

SOVIET-BLOC RESEARCH IN GEOPHYSICS, ASTRONOMY, AND SPACE NO. 134. 24 Jun 66, 89p. JPRS-36186.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-61-11147-134

Also available on subscription $16.00/year, foreign $20.00/year.

TT-61-11147-135 Field 3B, 4B, 8E, 22A, 4A

SOVIET-BLOC RESEARCH IN GEOPHYSICS, ASTRONOMY, AND SPACE NO. 135. 30 Jun 66, 91p. JPRS-36285.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-61-11147-135

Also available on subscription $16.00/year, foreign $20.00/year.

TT-65-61889 Field 3B

Kuli-Zade, D. N.
DETERMINATION OF PHYSICAL PARAMETERS OF SUN'S ATMOSPHERE BY THE METHOD OF CURVES OF GROWTH (Ob Opredelenii Fizicheskikh Parametrov Atmosfery Solntsa Metodom Krivykh Rosta). 30 Dec 65, 17p. ST-CR-10267; NASA-TT-F-9618; N65-14618.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as N65-14618

Trans. of Leningrad Univ. Vestnik (USSR) v19 n19, Seriya Matematiki, Mekhaniki i Astronomii, n4 p153-64 1964.
Contract NASA-5-3760.

TT-65-61901 Field 3B

Caroubalos, C.
STUDY OF THE SLOWLY VARIABLE COMPONENT AT 9400 MC AS A FUNCTION OF SOLAR ACTIVITY (Etude de la Composantelentement Variable sur 9400 MHz en Fonction de l'Activite Solaire). Tr. by Andre L. Brichant. 5 Nov 63, 6p, 5refs. NASA-TT-F-8636; N65-15150; ST-SP-10061.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as N65-15150

Trans. of Symposium on Physics of Solar Flares. Paper, n.p., n.d.
Contract NAS-5-2078.

TT-65-62460 Field 3B

Abbasov, A. R.; Grebinskii, A. S.; Durasova, M. S.; Ivanov, V. A.; Ignateva, L. M.
RADIOASTRONOMICAL OBSERVATIONS OF THE SOLAR ECLIPSE OF 31 JULY 1963 IN CENTIMETER WAVELENGTHS (Radioastronomicheskie Nabludeniya Solnechnogo Zatmeniya 21 Iyulya 1963 G v Santimetrovom Diapazone Voln). 2 Apr 65, 12p. NASA-TT-F-9662; N65-21004; ST-RA-SF-10313.
Order from CFSTI or ETC: HC$1.00 MF$0.50
as N65-21004

Trans. of Leningrad Univ. Vestnik (USSR) v20 n1, Seriya Matematiki, Mekhaniki i Astronomii n1 p102-9 1965.
Contract-NAS-5-3760.

TT-65-62727 Field 3B

Link, F.
CIRCUMPLANETARY EXPLORATION OF ATMOSPHERES (Exploration Circumplanetaire des Atmospheres). Tr. by Andre L. Brichant. 15 May 62, 8p, 4refs. NASA-TT-F-8219; N65-22579.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as N65-22579

Trans. of COSPAR Symposium Washington, D. C., May 1962. Reprint, n.p. n.d.

TT-66-32758 Field 3B

Gagarin, Yu. A.; Lebedev, V. I.
MASTERING OF THE MOON BY MAN. 6 Jul 66, 10p. JPRS-36326.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32758

Trans. of Voprosy Filosofii (USSR) n3 p25-30 1966.

TT-66-60539 Field 3B, 20N

Abbasov, A. R.
ON SOME CHARACTERISTICS OF RADIO EMISSION SOURCES CONNECTED WITH THE ACTIVE REGIONS OF THE SUN. 14 Dec 65, 5p, refs. NASA-TT-F-9913; N66-13300.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as N66-13300

Trans. of Leningrad Univ. Vestnik (USSR) v20 n19 Seriya Matematiki, Mekhaniki i Astronomii n4 p140-2 1965.

TT-66-60651 Field 3B

Katterfeld, G. N.
VOLCANIC ACTIVITY ON MARS. Jan 66, 18p, refs. NASA-TT-F-410; N66-14057.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as N66-14057

Trans. of Priroda (USSR) v54 n8 p103-9 1965.

TT-66-60718 Field 3B

Kardashev, N. S.; Chikhachev, B. M.
CORRELATION RECEIVER FOR THE STUDY OF COSMIC RADIAL RADIATION AT LAMBDA = 21 cm. 20 Jan 66, 11p, 5refs. FTD-TT-65-1386; AD-629 412.
Order from CFSTI or ETC: HC$1.60, MF$0.50
as AD-629 412

Unedited rough draft trans. of Moscow Univ. Gosudarstvennyi Astronomicheskii Institut. Soobshcheniya (USSR) n126 p66-71 1963.

TT-66-60839 Field 3B

Bazelyan, L. L.; Braude, S. Ya.; Bruk, Yu. M.; Zhuk, I. M.; Men, A. V.
THE MEASUREMENT OF THE FLUXES OF DISCRETE SOURCES OF COSMIC RADIO EMISSION AT FREQUENCIES BELOW 40 mHz (Vymiryuvannya Potokiv Dyskretnykh Dzherel Kosmichnogo Radiovyprominyuvannya na Chastotakh Nyzhche 40 Mgts). Tr. by Stuart W. Kellogg. Jan 66, 12p, 11refs. AmMetSoc-T-U-4; AD-630 558.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-630 558

Trans. of Akademiya Nauk URSR, Kiev. Dopovidi, n2 p188-92 1963.
Translated under Contract AF 19(628)-3880.

TT-66-61162 Field 3B, 8G

Lebedeva, I. I.
EXPERIMENTAL SPECTROPHOTOMETRIC COMPARISON OF THE SURFACE OF THE MOON AND CERTAIN VOLCANIC DEPOSITS (Opyty Spektrofotometricheskogo Sopostavleniya Poverkhnosti Luny s Nekotorymi Vulkanicheskimi Pokrovami). Tr. by Stuart W. Kellogg. Mar 66, 9p, 4refs. AmMetSoc-T-R-588; AD-631 970.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-631 970

Trans. of Leningrad Univ. Uchenye Zapiski (USSR) n326 p99-102 1965.
Translated under Contract AF 19(628)-3880.

TT-66-61567 Field 3B

Tsap, T. T.
THE MAGNETIC FIELDS AND THE FINE STRUCTURE IN AN ACTIVE REGION. Tr. by P. A. Kazakov. 1966, 14p (foreign text included) 8refs. CSIRO-Trans-7978.
Order from CFSTI, SLA, or ETC: HC$1.60, MF$0.50
as TT-66-61567

Trans. of Akademiya Nauk SSSR. Krymskaya Astrofizicheskaya Observatoriya. Izvestiya, v33 p92-9 1965.

C. Celestial mechanics

TT-65-62786 Field 3C, 3B

Yarov-Yarovoi, M.
ON THE INTERPOLATIVE ANOMALIES FOR THE FIRST TEN MINOR PLANETS (Ob Interpolyatsionnykh Anomaliyakh dlya Pervykh Desyati Malykh Planet). Jun 62, 3p, refs. NASA-TT-F-8237; N65-24105.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as N65-24105

Trans. of Moscow Univ. Gosudarstvennyi Astronomicheskii Institut. Trudy (USSR) v24 p17-39 1954.

04 ATMOSPHERIC SCIENCES

A. Atmospheric physics

TT-65-61908 Field 4A, 20I, 20H, 3B

Danilov, A. D.
FORMATION OF IONS IN THE IONOSPHERE (Obrazovaniye Ionov v Ionosfere). 6 Jan 65, 26p.

NASA-TT-F-9623; N65-15160; ST-AI-10269.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as N65-15160

Trans. of Kosmicheskie Issledovaniya (USSR)
v2 n6 p865-80 1964.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-61047 Field 4A

Wolkonsky, D.
SELECTED STUDIES OF ATMOSPHERICS. 25 Feb 66, 31p, 15refs. ATD-66-21; AD-631 246.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as AD-631 246

Trans. of Glavnaya Geofizicheskaya Observatoriya, Leningrad. Trudy (USSR) n177 p42-5, 55-8, 59-63, 64-5 1965.
Rept. on Surveys of Soviet Scientific and Technical Literature.

TT-66-61215 Field 4A

Li Li-bin; Huang Xin-yu; Li Jun.
A NOTE ON THE NON-UNIQUENESS OF THE UMKEHR METHOD B. Mar 66, 12p, 2refs. Emm-65-40; AD-632 408.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-632 408

Trans. of Ti Ch'iu Wu Li Hsueh Pao (Chinese People's Republic) v13 n1 p20-3 1964.
An abstract trans. is available from CFSTI or ETC: HC$1.00, MF$0.50 in AD-619 261 10p.

TT-66-61234 Field 4A

Castels, F. D.
SOUNDING ROCKET MEASURING RADIATION IN INOSPHERE. Jan 66, 14p. NASA-TT-F-9886; N66-18454.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as N66-18454

Trans. of le Monde (France) 6 Jan p9 1966.

B. Meteorology

TT-64-51936 Field 4B

Dolgin, I. M.
CLOUD INVESTIGATIONS IN THE ARCTIC.
15 Dec 64, 12p, 22refs. JPRS-27842.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-64-51936

Trans. of Arkticheskii i Antarkticheskii Nauchno-Issievovatelskii Institut. Trudy (USSR) v239 n2 p5-10 1962.

TT-65-30764 Field 4B, 8H

Kondratev, K. Ya.; Vovchenko, P. G.; Protsenko, V. F.; Bykov, V. D.; Rozhdestvenskii, A. A.
METEOROLOGY AND HYDROLOGY, NO. 3 1965: SELECTED ARTICLES. 19 Apr 65, 54p, 5refs. JPRS-29651.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-65-30764

Trans. of Meteorologiya i Gidrologiya (USSR) n3 p36-41, 44-5 49-60 1965.

TT-65-62359 Field 4B, 5B

GUIDE TO SOVIET LITERATURE ACCESSIONS IN THE WEATHER BUREAU LIBRARY. Tr. by Irene A. Donehoo and Harold K. Gold. Apr 65, 62p. WB/TA-1.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-65-62359

TT-65-62726 Field 4B, 5B

GUIDE TO SOVIET LITERATURE ACCESSIONS IN THE WEATHER BUREAU LIBRARY. Tr. by Irene A. Donehoo and Harold K. Gold. Jul 65, 29p. WB/TA-4.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-65-62726

TT-66-30447 Field 4B, 8H

RECENT SOVIET STUDIES IN METEOROLOGY AND HYDROLOGY. 4 Feb 66, 81p, 51refs. JPRS-34005.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-30447

Trans. of Meteorologiya I Gidrologiya (USSR) n12 p3-26; 31-40; 45-9; 57-8; 61-3 1965.

TT-66-30976 Field 4B, 8H

Popov, E. G.
LOW WATER IN 1965 ON THE RIVERS OF CENTRAL ASIA AND SOME PROBLEMS INVOLVED IN THE FORECASTING OF THE RUNOFF OF MOUNTAIN RIVERS. 14 Mar 66, 11p. JPRS-34536.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-30976

Trans. of Meteorologiya i Gidrologiya (USSR) n2 p13-8 1966.

TT-66-32227 Field 4B, 17I

Korzhov, V. A.
SOME RESULTS OF USE OF RADAR OBSERVATION FOR EVALUATING THE SUCCESS OF ARTIFICIAL MODIFICATION OF CONVECTIVE CLOUDS. 2 Jun 66, 5p. JPRS-35792.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32227

Trans. of Informatsionnyi Byulleten: Geofizika i Astronomiya (USSR) n8 p103-5 1965.

TT-66-32735 Field 4B

P'eiao Wen-chun,; Tso Ta-k'ang,; Wang I-hsien.
COMMUNIST CHINA'S SCIENCE AND TECHNOLOGY: TRANSLATIONS NO. 325. 1 Jul 66, 39p, 37refs. JPRS-36303.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32735

Trans. of Chi Hsiang Hsueh Pao (Chinese People's Republic) v30 n2 p186-90 1959; v33 n1 p78-96 1963.

TT-66-51077 Field 4B, 8M

Kozhanov, K. Ya.
EVAPORATION FROM VEGETATION AND FROM THE

FREE SURFACE OF PEAT SOIL (Isparenie Rastitelnostyu i Svobodnoi Poverkhnostyu Torfyanoi Pochvy). 1966, 12p, 10refs. SFCSI-Agr(TT-66-51077).
Order from CFSTI: HC$1.00,
as TT-66-51077

Trans. of Meteorologiya i Gidrologiya (USSR) v4 n6 p113-22 1938.

TT-66-60834 Field 4B

Kazhdan, R. M.; Shekhter, F. N.
SOME RESULTS OF CALCULATION OF THE RADIATIONAL VARIATION OF TEMPERATURE IN THE ATMOSPHERIC BOUNDARY LAYER (Nekotorye Rezultaty Rascheta Radiatsionnogo Izmeneniya Temperatury v Pogranichnom Sloe Atmosfery). Tr. by Stuart Kellogg. Jan 66, 16p, 6refs. AmMetSoc-T-R-488; AD-630 552.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-630 552

Trans. of Glavnaya Geofizicheskaya Observatoriya, Leningrad. Trudy (USSR) n127 p26-34 1962.
Translated under Contract AF 19(628)-3880.

TT-66-60836 Field 4B, 17I

Kulikova, G. I.; Palagin, E. G.; Poliakova, E. A.; Salman, E. M.
POSSIBILITY OF RADAR DETERMINATION OF VISIBILITY IN FOGS (K Voprosu o Vozmozhnosti Radiolokatsionnogo Opredeleniya Meteorologicheskoi Dalnosti Vidimosti v Tumanakh). Tr. by Stuart W. Kellogg. Jan 66, 12p, 3refs. AmMetSoc-T-R-534; AD-630 554.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-630 554

Trans. of Glavnaya Geofizicheskaya Observatoriya, Leningrad. Trudy (USSR) n173 p71-5 1965.
Translated under Contract AF 19(628)-3880.

TT-66-60837 Field 4B

Dekhtyar, M. I.; Bulkov, M. V.
FLUCTUATIONS OF THE LARGE-DROPLET COUNT IN STRATIFORM CLOUDS (O Fluktuatsiyakh Chilsa Krupnykh Kapel v Oblakakh Sloistykh Form). Tr. by George E. Brady, Jr. and Stuart W. Kellog. Jan 66, 32p, 6refs. AmMetSoc-T-R-538; AD-630 555.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as AD-630 555

Trans. of Ukrainskii Nauchno-Issledovatelskii Gidro-Meteorologicheskii Institut. Trudy (USSR) n48 p21-38 1965.
Translated under Contract AF 19(628)-3880.

TT-66-61155 Field 4B, 17I

Gorelik, A. G.; Chernikov, A. A.
SOME RESULTS OF RADAR INVESTIGATION OF WIND FIELD STRUCTURE AT HEIGHTS OF 50 TO 700 METERS (Nekotorye Rezultaty Radiolokatsionnogo Issledovaniya Struktury Polya Vetra na Vysotakh 50-700 m). Tr. by William J. Grimes and David Kraus. Mar 66, 24p, 8refs. AmMetSoc-T-R-511; AD-631 963.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-631 963

Trans. of Tsentralnaya Aerologicheskaya Observatoriya. Trudy (USSR) n57 p3-18 1964.
Translated under Contract AF 19(628)-3880.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-61156 Field 4B, 17I

Morgunov, S. P.; Shupiatskii, A. B.
EVALUATION OF ARTIFICIAL-MODIFICATION EFFICIENCY FROM THE POLARIZATION CHARACTERISTICS OF THE ECHO SIGNAL (Otsenka Effektivnosti Iskusstvennykh Vozdeistvii po Poliarizatsionnym Kharakteristikam Ekho-Signala). Tr. by William J. Grimes. Jan 66, 13p, 4refs. AmMetSoc-T-R-514; AD-631 964.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-631 964.

Trans. of Tsentralnaya Aerologicheskaya Observatoriya. Trudy (USSR) n57 p49-54 1964.
Translated under Contract AF 19(628)-3880.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-61157 Field 4B

Berlyand, M. E.; Gracheva, V. P.
FORECASTING THE NOCTURNAL TEMPERATURE VARIATION OF THE ATMOSPHERIC SURFACE BOUNDARY LAYER (K Prognozu Nochnogo Izmeneniya Temperatury Prizemnogo Sloya Vozdukha). Tr. by Stuart W. Kellogg. Jan 66, 23p, 3refs. AmMetSoc-T-R-489; AD-631 965.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-631 965

Trans. of Glavnaya Geofizicheskaya Observatoriya, Leningrad. Trudy (USSR) n127 p35-47 1962.
Translated under Contract AF 19(628)-3880.

TT-66-61159 Field 4B, 17I

Brylev, G. B.; Vasilchenko, I. V.; Selitskaya, V. I.; Fedorov, A. A.
JOINT RADAR AND AEROLOGICAL OBSERVATIONS IN THE LOWER 1,5 KM OF THE ATOMOSPHERE (Sovmestne Radiolokatsionne i Aerologicheskie Nablyudeniya v Nizhnem 1,5-km sloe Atmosfery). Tr. by William J. Grimes. Mar 66, 26p, 8refs. AmMetSoc-T-R-523; AD-631 967.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as AD-631 967

Trans. of Glavnaya Geofizicheskaya Observatoriya, Leningrad. Trudy (USSR) n173 p76-90 1965.
Translated under Contract AF 19(628)-3880.

TT-66-61160 Field 4B, 17I

Kulikova, G. I.; Nikandrova, G. T.; Petrushevskii, V. A.
ACCURACY OF DETERMINING CLOUD BOUNDARIES BY RADAR (Tochnost Izmereniya Granits Oblakov Radiolokatsionnym Metodom). Tr. by Stuart W. Kellogg. Feb 66, 18p, 6refs. AmMetSoc-T-R-531; AD-631 968.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-631 968

Trans. of Glavnaya Geofizicheskaya Observatoriya, Leningrad. Trudy (USSR) n173 p9-18 1965.
Translated under Contract AF 19(628)-3880.

TT-66-61213 Field 4B

Sun Shwu-ching.
A METHOD FOR CALCULATING THE VERTICAL MOTIONS AND THE DISTRIBUTION OF THE HEAT SOURCES AND SINKS IN THE STRATOSPHERE OVER THE NORTHERN HEMISPHERE IN JANUARY 1958. Mar 66, 26p, 12refs. Emm-65-19; AD-632 406.

Order from CFSTI or ETC: HC$2.00, MF$0.50
as AD-632 406

Trans. of Ch'i Hsiang Hsueh Pao (Chinese People's Republic) v34 n4 p397-408 1964.
Translated under Contract AF 19(628)-5073.

TT-66-61214 Field 4B

Wang Shao-wu.
A PRELIMINARY STUDY OF THE CHARACTERISTICS AND EVOLUTION OF THE MEAN MONTHLY CIRCULATION AT THE 500-MB LEVEL OVER THE NORTHERN HEMISPHERE, (II) ULTRA-LONG WAVES. Mar 66, 28p, 23refs. Emm-65-18; AD-632 407.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as AD-632 407

Trans. of Ch'i Hsiang Hsueh Pao (Chinese People's Republic) v34 n3 p316-28 1964.
Translated under Contract AF 19(628)-5073.

TT-66-61571 Field 4B

Khaminov, N. A.
THE MANIFESTATION OF LONG-PERIOD VARIATIONS OF SOLAR ACTIVITY IN THE EARTH'S ATMOSPHERE. Tr. by P. A. Kazakov. 1966, 10p (foreign text included) 5refs. CSIRO-Trans-7965.
Order from CFSTI, SLA, or ETC: HC$1.10, MF$0.50
as TT-66-61571

Trans. of Solnechnye Dannye (USSR) n5 p69-74 1965.

05 BEHAVIORAL AND SOCIAL SCIENCES

TT-66-31021 Field 5-

STUDIES, NO. 1, 1966. 16 Mar 66, 122p. JPRS-34581.
Order from CFSTI or ETC: HC$4.00, MF$0.75
as TT-66-31021

Trans. of Hoc Tap (North Vietnam) n1 p2-88 1966.

A. Administration and management

TT-65-30296 Field 5A, 18-, 6E, 5I

COMMUNIST CHINA'S SCIENCE AND TECHNOLOGY: TRANSLATIONS NO. 145. 9 Feb 65, 79p. JPRS-28677.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-65-30296

TT-65-32812 Field 5A

MONGOLIA: TRANSLATIONS NO. 86. 8 Oct 65, 14p. JPRS-32322.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-32812

TT-65-33552 Field 5A, 5C

Mu Tung; Kung Ming.
COMMUNIST CHINA'S MANAGEMENT, TRADE AND FINANCE: TRANSLATIONS NO. 63. 23 Nov 65, 16p. JPRS-32975.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-33552

TT-65-33802 Field 5A, 5I

Hasiak, S.
EASTERN EUROPE: SOCIOLOGICAL TRANSLATIONS NO. 324. 8 Dec 65, 28p. JPRS-33227.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-65-33802

TT-66-31107 Field 5A, 5C

ECONOMIC ORGANIZATION AND MANAGEMENT IN EASTERN EUROPE: TRANSLATIONS NO. 557. 22 Mar 66, 67p. JPRS-34668.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-31107

TT-66-31648 Field 5A, 6S, 6P, 13F, 5F

HERALD OF THE ACADEMY OF SCIENCES USSR, VOL. 36, NO. 1, 1966. 27 Apr 66, 260p. JPRS-35211.
Order from CFSTI or ETC: HC$6.00, MF$1.25
as TT-66-31648

Trans. of Akademiya Nauk SSSR. Vestnik, v36 n1 168p 1966.

TT-66-31847 Field 5A, 5I

COMMUNIST OF THE UKRAINE, NO. 2, 1966. 9 May 66, 162p, 3refs. JPRS-35411.
Order from CFSTI or ETC: HC$5.00, MF$1.00
as TT-66-31847

Trans. of Kommunist Ukrainy (USSR) v41 n2 p3-96 1966.

TT-66-32289 Field 5A, 6C

AWARDS TO CROATIAN SCIENCE WORKERS EXPLAINED BY COMMITTEE. 6 Jun 66, 9p. JPRS-35855.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32289

Trans. of Vjesnik (Yugoslavia) 29 Apr p4 1966.

TT-66-32359 Field 5A, 6E, 5I, 6M, 6I, 6C, 6O, 6H

NEWS OF SOVIET SCIENCE. 9 Jun 66, 52p, refs. JPRS-35925.
Order from CFSTI or ETC: HC$3.00, MF$0.50
as TT-66-32359

TT-66-32378 Field 5A, 5C

COMMUNIST CHINA'S MANAGEMENT, TRADE AND FINANCE: TRANSLATIONS NO. 81. 10 Jun 66, 11p. JPRS-35944.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32378

TT-66-32405 Field 5A, 13H, 9B

Kazanskii, G.
AUTOMATION AND CONTROL OF ECONOMICS IN

THE SOVIET UNION. 13 Jun 66, 7p. JPRS-35971.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32405

Trans. from Izvestiya (USSR) 26 Apr p3 1966.

TT-66-32515 Field 5A, 5I

USSR LABOR: TRANSLATIONS NO. 114. 20 Jun 66, 41p.
JPRS-36081.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32515

TT-66-32555 Field 5A, 12B

Starovskii, V.
STATE STATISTICS UNDER THE NEW CONDITIONS.
21 Jun 66, 14p. JPRS-36121.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32555

Trans. of Vestnik Statistiki (USSR) n1 p3-13 1966.

TT-66-32592 Field 5A, 5C

COMMUNIST CHINA'S MANAGEMENT TRADE AND FINANCE: TRANSLATIONS NO. 83. 23 Jun 66, 24p.
JPRS-36158.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32592

TT-66-32624 Field 5A, 5I, 5D

AFRICA: TRANSLATIONS NO. 388. 27 Jun 66, 30p.
JPRS-36191.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32624

TT-66-61262 Field 5A, 16A, 13F, 13M, 22D, 13B, 13D

Klein, V.
PROTECTIVE STRUCTURES AND COMPONENTS: COMPILATION OF ABSTRACTS. 28 Mar 66, 18p, 19refs. ATD-66-29; AD-632 990.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-632 990

Based on Soviet-Satellite open sources pub. 1965. Rept. on Surveys of Communist World Scientific and Technical Literature.

B. Documentation and information technology

TT-66-32105 Field 5B

GLOSSARY OF ABBREVIATIONS USED IN THE LATIN AMERICAN PRESS (REVISED). 24 May 66, 62p.
JPRS-35670.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-32105

C. Economics

TT-61-11367 Field 5C

Znamierowska-Prueffer, M.
THRUSTING IMPLEMENTS FOR FISHING IN POLAND AND NEIGHBORING COUNTRIES. Tr. by J. Bachrach. 1966, 536p, 384refs. SFCSI-Int(TT-61-11367).
Order from CFSTI: $8.40 as TT-61-11367

Trans. of mono. Rybackie Narzedzia Kolne w Polsce i w Krajach Sasiednich, Suppl. 4, n.p., 1957.

TT-65-31685 Field 5C, 11L

AFRICA: TRANSLATIONS NO. 224. 21 Jul 65, 21p.
JPRS-31188.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-31685

TT-65-32560 Field 5C

EAST EUROPEAN FOREIGN TRADE: TRANSLATIONS NO. 242. 20 Sep 65, 37p. JPRS-32067.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-65-32560

TT-65-33578 Field 5C, 5A

ECONOMIC ORGANIZATION AND MANAGEMENT IN EASTERN EUROPE: TRANSLATIONS NO. 535. Current Tasks of Economic Science. 23 Nov 65, 6p.
JPRS-33001.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-33578

TT-66-30206 Field 5C, 5D

POLITICAL AND SOCIOLOGICAL INFORMATION ON NORTH VIETNAM: TRANSLATIONS NO. 250. 17 Jan 66, 19p, 2refs. JPRS-33763.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-30206

TT-66-30220 Field 5C

Zdornov, I.; Samoilovych, R.
WHOLESALE PRICES FOR NEW PRODUCTS.
18 Jan 66, 10p. JPRS-33777.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-30220

Trans. of Ekonomika Radyanskoi Ukrainy (USSR) n4 p33-7 1965.

TT-66-30233 Field 5C, 5I

CUBA: TRANSLATIONS NO. 356. 19 Jan 66, 16p, 7refs.
JPRS-33790.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-30233

TT-66-30237 Field 5C

EAST EUROPEAN FOREIGN TRADE: TRANSLATIONS NO. 261. 19 Jan 66, 20p, 3refs. JPRS-33794.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-30237

TT-66-30363 Field 5C, 5D, 5I

CUBA: TRANSLATIONS NO. 363. 27 Jan 66, 93p, 48refs. JPRS-33920.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-30363

TT-66-30364 Field 5C, 5D, 5K

HUNGARIAN PROVINCIAL PRESS (1-7 DEC 1965): SUMMARY NO. 388. 27 Jan 66, 25p. JPRS-33921.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-30364

TT-66-30380 Field 5C, 5I

Lapan, B.; Tyapkin, N.
SCHOLARS DISCUSS THE MOST IMPORTANT PROBLEMS OF PRICE FIXING. 28 Jan 66, 9p. JPRS-33937.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-30380

Trans. of Ekonomika Selskogo Khozyaistva (USSR) v36 n4 p24-7 1965.

TT-66-30645 Field 5C, 13B

Shcherbakov, D. I.
URGENT PROBLEMS IN CONSERVATION OF NATURAL RESOURCES. 18 Feb 66, 6p. JPRS-34204.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-30645

Trans. of Akademiya Nauk SSSR, Vestnik, v35 n10 p58-60 1965.

TT-66-30789 Field 5C

Birman, A.
SIGNIFICANCE OF THE NEW ECONOMIC REFORMS. 1 Mar 66, 35p. JPRS-34348.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-30789

Trans. of Novyi Mir (USSR) n12 p194-213 1965.

TT-66-31043 Field 5C

GENERAL MEETING OF THE ACADEMY OF SCIENCES USSR. 18 Mar 66, 11p. JPRS-34604.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-31043

Trans. of Priroda (USSR) n1 p2-6 1966.

TT-66-32173 Field 5C, 6E, 5I

CUBA: TRANSLATIONS NO. 425. 27 May 66, 46p. JPRS-35738.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32173

TT-66-32208 Field 5C

Malafeev, A.
SOVIET RESPONSE TO WESTERN VIEWS ON 'PRICE FORMATION'. 1 Jun 66, 13p. JPRS-35773.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32208

Trans. of Voprosy Ekonomiki (USSR) n3 p92-100 1966.

TT-66-32240 Field 5C, 6E, 5I, 5K

CUBA: TRANSLATIONS NO. 427. 2 Jun 66, 161p. JPRS-35805.
Order from CFSTI or ETC: HC$5.00, MF$1.00
as TT-66-32240

TT-66-32301 Field 5C, 5D, 5K

BULGARIAN PROVINCIAL PRESS (15-31 JAN 66): SUMMARY NO. 253. 6 Jun 66, 19p. JPRS-35867.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32301

TT-66-32316 Field 5C, 5I, 5K, 13B, 5D

AFRICA: TRANSLATIONS NO. 381. 7 Jun 66, 62p. JPRS-35882.
Order from CFSTI or ETC: HC$4.00, MF$0.75
as TT-66-32316

TT-66-32321 Field 5C, 8F, 6C

ECONOMIC AND GEOGRAPHIC TRANSLATIONS ON LATIN AMERICA NO. 32, Geomorphological, Geological and Topographical Description of Uruguay. 7 Jun 66, 70p. JPRS-35887.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-32321

Trans. of mono. Tierra Uruguaya, Montevideo, 1960 p51-132.
An Introduction to the Physical, Biological, and Human Geography of Uruguay, Chaps. 2-4.

TT-66-32332 Field 5C, 5K

BULGARIAN PROVINCIAL PRESS (1-15 APR 66): SUMMARY NO. 256. 8 Jun 66, 14p. JPRS-35898.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32332

TT-66-32334 Field 5C

Chen Yung-Kuei; Wang Chih-Ch'i; Wang Ming-Chang; Kuo Ts'an-Chou; Kung Hsiu-Chu.
ECONOMIC RESEARCH, NO. 3, 1966: SELECTED ARTICLES. 8 Jun 66, 38p. JPRS-35900.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32334

Trans. of Ching Chi Yen Chiu (Chinese People's Republic) n3 p29-36, 59-64, 74-77 1966.

TT-66-32354 Field 5C

Krylov, P.; Tsarev, D.
PROCEDURES AND CONDITIONS FOR CONVERSION

TO THE NEW ECONOMIC SYSTEM. 9 Jun 66, 19p. JPRS-35920.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32354

Trans. of Planovoe Khozyaistvo (USSR) v43 n4 p55-66 1966.

TT-66-32379 Field 5C

THE SOVIET ECONOMIC SYSTEM: CURRENT DEVELOPMENTS NO. 139. 10 Jun 66, 39p. JPRS-35945.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32379

TT-66-32437 Field 5C

EAST EUROPEAN FOREIGN TRADE: TRANSLATIONS NO. 279. 14 Jun 66, 72p. JPRS-36003.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-32437

TT-66-32444 Field 5C

RUMANIAN PROVINCIAL PRESS (12-19 APR 66): SUMMARY NO. 348. 15 Jun 66, 23p. JPRS-36010.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32444

TT-66-32446 Field 5C

Hung, P.
STUDIES, NO. 5, 1966: SELECTED TRANSLATIONS. Articles by Pham Hung on Commerical Tasks.
15 Jun 66, 26p. JPRS-36012
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32446

Trans. of Hoc Tap (North Vietnam) n5 p10-29 1966.

TT-66-32447 Field 5C

SOVIET ECONOMIC SYSTEM: STRUCTURE AND POLICY NO. 283. 15 Jun 66, 37p. JPRS-36013.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32447

TT-66-32452 Field 5C

USSR CONSUMER GOODS AND DOMESTIC TRADE: TRANSLATIONS NO. 120. 15 Jun 66, 42p. JPRS-36018.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32452

TT-66-32466 Field 5C, 5A

ECONOMIC ORGANIZATION AND MANAGEMENT IN EASTERN EUROPE: TRANSLATIONS NO. 575. 16 Jun 66, 84p, refs. JPRS-36032.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-32466

TT-66-32468 Field 5C

USSR CONSUMER GOODS AND DOMESTIC TRADE: TRANSLATIONS NO. 121. 16 Jun 66, 15p. JPRS-36034.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32468

TT-66-32475 Field 5C, 8F

ECONOMIC AND GEOGRAPHIC TRANSLATIONS ON LATIN AMERICA NO. 35. 16 Jun 66, 31p. JPRS-36041.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32475

TT-66-32487 Field 5C, 5D

HUNGARIAN PROVINCIAL PRESS (20-26 APR 66): SUMMARY NO. 407. 17 Jun 66, 33p. JPRS-36053.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32487

TT-66-32512 Field 5C

SOVIET ECONOMIC SYSTEM: STRUCTURE AND POLICY NO. 284. 20 Jun 66, 61p. JPRS-36078.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-32512

TT-66-32513 Field 5C, 5I, 5A

USSR LABOR: TRANSLATIONS NO. 113. 20 Jun 66, 34p. JPRS-36079.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32513

TT-66-32528 Field 5C, 5A

ECONOMIC ORGANIZATION AND MANAGEMENT IN EASTERN EUROPE: TRANSLATIONS NO. 576.
21 Jun 66, 35p. JPRS-36094.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32528

TT-66-32534 Field 5C

NORTH VIETNAM'S ECONOMY: TRANSLATIONS NO. 242. 21 Jun 66, 25p. JPRS-36100.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32534

TT-66-32562 Field 5C

USSR INTERNATIONAL ECONOMIC RELATIONS NO. 59. 23 Jun 66, 10p. JPRS-36128.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32562

TT-66-32621 Field 5C

THE SOVIET ECONOMIC SYSTEM: CURRENT DEVELOPMENTS NO. 142. 27 Jun 66, 40p. JPRS-36188.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32621

TT-66-32637 Field 5C, 5D, 5I

CUBA: TRANSLATIONS NO. 437. 27 Jun 66, 117p. JPRS-36204.
Order from CFSTI or ETC: HC$4.00, MF$0.75
as TT-66-32637

TT-66-32642 Field 5C, 5A

ECONOMIC ORGANIZATION AND MANAGEMENT IN EASTERN EUROPE: TRANSLATIONS NO. 578. 27 Jun 66, 69p. JPRS-36209.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-32642

TT-66-32668 Field 5C, 5I, 5D, 8I, 5F

PRESS INFORMATION REPORT ON ALBANIA NO. 171. 29 Jun 66, 59p. JPRS-36235.
Order from CFSTI or ETC: HC$3.00, MF$0.50
as TT-66-32668

TT-66-32669 Field 5C, 5D

RUMANIAN PROVINCIAL PRESS (26 APR - 30 MAY 66): SUMMARY NO. 350. 29 Jun 66, 35p. JPRS-36236.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32669

TT-66-32678 Field 5C

NORTH VIETNAM'S ECONOMY: TRANSLATIONS NO. 246. 29 Jun 66, 61p. JPRS-36245.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-32678

TT-66-32680 Field 5C, 5A

ECONOMIC ORGANIZATION AND MANAGEMENT IN EASTERN EUROPE: TRANSLATIONS NO. 580. 29 Jun 66, 29p. JPRS-36247.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32680

TT-66-32681 Field 5C, 5D, 5I

CUBA: TRANSLATIONS NO. 438. 29 Jun 66, 62p. JPRS-36248.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-32681

TT-66-32690 Field 5C

THE SOVIET ECONOMIC SYSTEM: STRUCTURE AND POLICY NO. 285. 29 Jun 66, 56p. JPRS-36257.
Order from CFSTI or ETC: HC$3.00, MF$0.50
as TT-66-32690

TT-66-32698 Field 5C, 5I

MIDDLE EAST: TRANSLATIONS NO. 222. 30 Jun 66, 41p. JPRS-36265.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32698

TT-66-32700 Field 5C, 5D

CZECHOSLOVAK PROVINCIAL PRESS (3 - 8 May 66): SUMMARY NO. 360. 30 Jun 66, 19p. JPRS-36267.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32700

TT-66-32701 Field 5C, 2B, 13I

EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 450. 30 Jun 66, 53p. JPRS-36268.
Order from CFSTI or ETC: HC$3.00, MF$0.50
as TT-66-32701

TT-66-32706 Field 5C

USSR CONSUMER GOODS AND DOMESTIC TRADE: TRANSLATIONS NO. 122. 30 Jun 66, 36p. JPRS-36273.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32706

TT-66-61572 Field 5C

Shchedrov, I. M.
FOREIGN ECONOMIC RELATIONS OF THE DEMOCRATIC REPUBLIC OF VIETNAM (1945-1960). Tr. by Nadia Derkach. May 66, 12p. LT-66-21; AD-634 589.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-634 589

Trans. of Akademiya Nauk SSSR. Institut Narodov Azii. Kratkie Soobshcheniya, n59 p69-84 1961.

D. History, law and political science

TT-65-32255 Field 5D, 5I

POLITICAL AND SOCIOLOGICAL INFORMATION ON COMMUNIST CHINA: TRANSLATIONS NO. 304. 30 Aug 65,21p. JPRS-31760.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-32255

TT-65-32737 Field 5D, 5C

CUBA: TRANSLATIONS NO. 309. 5 Oct 65, 20p. JPRS-32247.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-32737

TT-65-33700 Field 5D

POLITICAL AND SOCIOLOGICAL INFORMATION ON NORTH KOREA: TRANSLATIONS NO. 117.

2 Dec 65, 67p. JPRS-33123.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-65-33700

TT-65-33535 Field 5D

EASTERN EUROPE: POLITICAL TRANSLATIONS NO. 190, 22 Nov 65, 24p, 4refs. JPRS-32958.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-33535

TT-65-33811 Field 5D

EASTERN EUROPE: POLITICAL TRANSLATIONS NO. 192, 9 Dec 65, 22p. JPRS-33236.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-33811

TT-66-30060 Field 5D

FRENCH COMMUNIST JOURNALIST INTERVIEWED ON HER STAY WITH NATIONAL LIBERATION FRONT FORCES IN SOUTH VIETNAM. 6 Jan 66, 6p. JPRS-33616.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-30060

Trans. from l' Unita (Italy) 19 Dec p3 1965.

TT-66-30228 Field 5D, 5C

CZECHOSLOVAK PROVINCIAL PRESS (30 NOV-5 DEC 1965): SUMMARY NO. 338, 19 Jan 66, 22p. JPRS-33785.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-30228

TT-66-30232 Field 5D, 5I

AFRICA: TRANSLATIONS NO. 316, 19 Jan 66, 36p, 8refs. JPRS-33789.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-30232

TT-66-30406 Field 5D, 5I

MIDDLE EAST: TRANSLATIONS NO. 186. The Political Cadre. 2 Feb 66, 79p. JPRS-33963.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-30406

Trans. of al Tali'ah (Egypt) Dec p27-73 1965.

TT-66-31169 Field 5D, 5C, 6E

Gasratyan, M.; Moiseev, P.
POLITICAL AND SOCIOLOGICAL CHANGES IN TURKEY. 25 Mar 66, 86p. JPRS-34730.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-31169

Trans. of Unidentified mono., Moscow, 1963 94p.

TT-66-31356 Field 5D, 5I

COMMUNIST CHINA POLITICAL AND SOCIOLOGICAL INFORMATION TRANSLATIONS NO. 350, 6 Apr 66, 23p. JPRS-34918.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-31356

TT-66-31949 Field 5D, 5C, 5K

LA STAMPA AND LA STAMPA SERA (25 APR - 1 MAY 66) INDEX NO. 312, 16 May 66, 10p. JPRS-35513.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-31949

TT-66-32063 Field 5D

THEORETICAL QUESTIONS CONCERNING THE SOVIET STATE. 23 May 66, 43p. JPRS-35628.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32063

TT-66-32131 Field 5D, 5C, 5K

POLISH PROVINCIAL PRESS (10-6 MAY 66): SUMMARY NO. 446, 26 May 66, 45p. JPRS-35696.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32131

TT-66-32149 Field 5D, 6I, 8H

Doi Song Moi; Ton Quang Phiet; Pabst, R.
POLITICAL AND SOCIOLOGICAL INFORMATION ON NORTH VIETNAM: TRANSLATIONS NO. 272, 26 May 66, 17p. JPRS-35714.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32149

TT-66-32232 Field 5D, 5C, 5K

POLISH PROVINCIAL PRESS (17-23 MAY 66): SUMMARY NO. 447, 2 Jun 66, 46p. JPRS-35797.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32232

TT-66-32249 Field 5D

POLITICAL TRANSLATIONS ON EASTERN EUROPE NO. 211, 3 Jun 66, 40p. JPRS-35815.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32249

TT-66-32290 Field 5D

Ioffe, A. E.
ACTIVITIES OF FOREIGN SOCIETIES OF FRIENDSHIP WITH THE SOVIET UNION. 6 Jun 66, 26p, 91refs. JPRS-35856.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32290

Trans. of Voprosy Istorii (USSR) n3 p15-30 1966.

TT-66-32306 Field 5D, 5C, 5K

LE MONDE (2-31 MAY 66): INDEX NO. 73. 6 Jun 66, 48p. JPRS-35872.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32306

TT-66-32314 Field 5D

Tsvirkunov, P. A.
COMMENTS BY MOSCOW PATRIARCHY OF RUSSIAN ORTHODOX CHURCH ON AMERICAN POLICY IN VIETNAM. 7 Jun 66, 9p. JPRS-35880.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32314

Trans. of Zhurnal Moskovskoi Patriarkhii (USSR) v2 p1/2, 40-3 1966.

TT-66-32319 Field 5D, 5C, 5K

POLISH PROVINCIAL PRESS (24-30 MAY 66): SUMMARY NO. 448. 7 Jun 66, 41p. JPRS-35885.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32319

TT-66-32322 Field 5D, 5C, 5K

LA STAMPA AND LA STAMPA SERA (16-22 MAY 66): INDEX NO. 315. 7 Jun 66, 9p. JPRS-35888.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32322

TT-66-32339 Field 5D, 5C, 5I, 6E

PRESS INFORMATION REPORT ON ALBANIA NO. 169. 8 Jun 66, 109p. JPRS-35905.
Order from CFSTI or ETC: HC$4.00, MF$0.75
as TT-66-32339

TT-66-32360 Field 5D

Bragin, N.
PRAVDA SEES THREAT OF UNITED STATES DEAL ON CYPRUS. 9 Jun 66, 5p. JPRS-35926.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32360

Trans. from Pravda, Moscow (USSR) 15 May p5 1966.

TT-66-32388 Field 5D, 5I, 2B

CUBA: TRANSLATIONS NO. 433. 13 Jun 66, 19p. JPRS-35954.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32388

TT-66-32422 Field 5D, 5C, 6E

AFRICA: TRANSLATIONS NO. 384. 14 Jun 66, 27p. JPRS-35988.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32422

TT-66-32491 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 850. 20 Jun 66, 82p. JPRS-36057.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-32491

TT-66-32535 Field 5D

MIDDLE EAST: TRANSLATIONS NO. 219. 21 Jun 66, 16p. JPRS-36101.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32535

TT-66-32537 Field 5D, 5I, 5C

AFRICA: TRANSLATIONS NO. 386. 21 Jun 66, 24p. JPRS-36103.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32537

TT-66-32563 Field 5D

POLITICAL TRANSLATIONS ON EASTERN EUROPE NO. 212. 23 Jun 66, 47p. JPRS-36129.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32563

TT-66-32570 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 852. Interviews with Ch'en I. 23 Jun 66, 45p. JPRS-36136.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32570

TT-66-32576 Field 5D

COMMUNIST CHINA DIGEST NO. 168. 23 Jun 66, 152p. JPRS-36142.
Order from CFSTI or ETC: HC$5.00, MF$1.00
as TT-66-32576

TT-66-32615 Field 5D

SOUTH AND EAST ASIA: TRANSLATIONS NO. 117. 24 Jun 66, 38p. JPRS-36181.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32615

TT-66-32618 Field 5D, 5C

LA STAMPA AND LA STAMPA SERA (30 MAY-5 JUN 66): INDEX NO. 317. 24 Jun 66, 8p. JPRS-36184.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32618

TT-66-32644 Field 5D, 5C

STUDIES, NO. 5, 1966: SELECTED ARTICLES, PT. 2. 27 Jun 66, 88p. JPRS-36211.

Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-32644

Trans. of Hoc Tap (North Vietnam) n5 p1-9, 30-89 1966.

TT-66-32647 Field 5D, 5C

AFRICA: TRANSLATIONS NO. 389. 27 Jun 66, 26p.
JPRS-36214.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32647

TT-66-32683 Field 5D, 5C, 5I

Gankovskii, Yu. V.; Gordon-Polonskaya, L. R.
A SOVIET HISTORY OF PAKISTAN. 29 Jun 66, 427p,
refs. JPRS-36250.
Order from CFSTI or ETC: HC$7.25, MF$2.00
as TT-66-32683

Trans. of mono. Istoriya Pakistana, Moscow, 1961
p1-374, 381-2.

TT-66-32693 Field 5D, 5C, 5I

AFRICA: TRANSLATIONS NO. 390. 29 Jun 66, 106p.
JPRS-36260.
Order from CFSTI or ETC: HC$4.00, MF$0.75
as TT-66-32693

TT-66-32702 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS:
TRANSLATIONS NO. 854. 30 Jun 66, 153p. JPRS-36269.
Order from CFSTI or ETC: HC$5.00, MF$1.00
as TT-66-32702

TT-66-32802 Field 5D, 5I

STUDIES, NO. 6, 1966. 8 Jul 66, 123p. JPRS-36370.
Order from CFSTI or ETC: HC$4.00, MF$1.00
as TT-66-32802

Trans. of Hoc Tap (North Vietnam) n6 p1-89 1966.

TT-66-32875 Field 5D

Soskin, B.
SOVIET COMMENTATOR SEES AMERICAN
PETROLEUM INTERESTS BEHIND FAISAL-JOHNSON
DISCUSSIONS. 12 Jul 66, 4p. JPRS-36443.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32875

Trans. from Bakinskii Rabochii (USSR) 29 Jun p3 1966.

TT-66-32882 Field 5D

PRAVDA EDITORIAL (7 JULY 1966): TRANSLATIONS
NO. 644. Communist Conviction. 12 Jul 66, 6p.
JPRS-36450.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32882

Trans. from Pravda, moscow (USSR) 7 Jul p1 1966.

F. Humanities

TT-66-32546 Field 5F

Alikmukhamedov, A.
RITUALISM IN ISLAM AND ITS SOCIAL ESSENCE.
21 Jun 66, 11p. JPRS-36112.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32546

Trans. of Obshchestvennye Nauki v Uzbekistane(USSR)
n3 p16-21 1966.

TT-66-60730 Field 5F

Manova, N. V., ed.
PROBLEMS OF MARXIST-LENNINST ESTHETICS AND
ESTHETIC EDUCATION. 8 Dec 65, 158p.
FTD-TT-65-964; AD-629 469.
Order from CFSTI or ETC: HC$5.00, MF$1.00
as AD-629 469

Edited trans. of mono. Vprosi na Marksistko-Leninskata
Estetika i Esteticheskoto Vzpitanie, Sofia, 1963 134p.

I. Personnel selection, training and evaluation

TT-65-30761 Field 5I, 12B, 5G

FROM THE THEORY AND PRACTICE OF PROGRAMMED
INSTRUCTION. 19 Apr 65, 27p. JPRS-29640.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-65-30761

Trans. of Vestnik Vysshei Shkoly (USSR) v22 n9
p22-31, 40-2 1964.

TT-65-33935 Field 5I, 5D

Tkachuk, I.
CERTAIN UKRAINIAN NATIONALIST EMIGRES
DENOUNCED AS ENEMIES OF THE UKRAINIAN
PEOPLE. 16 Dec 65, 8p. JPRS-33360.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-33935

Trans. of Literaturna Ukraina (USSR) 12 Nov p2, 4 1965.

TT-65-50310/4 Field 5I, 5B

SELECTED BIBLIOGRAPHY OF POLISH EDUCATIONAL
MATERIALS, VOL. 4, NO. 4, 1965. 1965, 56p.
SFCSI-HEW(TT-65-50310/4).
Order from CFSTI: $2.00 as TT-65-40310/4

Compiled from materials published mainly from
1 Apr to 31 Jul 65.

TT-66-31204 Field 5I

Dzhavadov, D.; Alieva, E.
CRITICISM OF INSTITUTES. 28 Mar 66, 30p.
JPRS-34765.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-31204

TT-66-32390 Field 5I, 20-

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: PHYSICS AND MATHEMATICS NO. 36. Physics Bulletin. 13 Jun 66, 12p. JPRS-35956.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32390

TT-66-32469 Field 5I

SOVIET EDUCATION: TRANSLATIONS NO. 19. 16 Jun 66, 17p. JPRS-36035.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32469

TT-66-32530 Field 5I, 5K, 5D

IRAN: PRESS INFORMATION REPT. NO. 2. 21 Jun 66, 36p. JPRS-36096.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32530

TT-66-32646 Field 5I

POLITICAL AND SOCIOLOGICAL INFORMATION ON NORTH VIETNAM: TRANSLATIONS NO. 281. 27 Jun 66, 13p. JPRS-36213.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32646

TT-66-32695 Field 5I

PRAVDA EDITORALS (25 JUN 66): TRANSLATIONS NO. 638. 29 Jun 66, 5p. JPRS-36262.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32695

TT-66-32710 Field 5I

SOVIET EDUCATION: TRANSLATIONS NO. 20. 30 Jun 66, 16p. JPRS-36277.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32710

TT-66-51151/1 Field 5I, 5B

Beham, A., ed.
SELECTED BIBLIOGRAPHY OF ISRAEL EDUCATIONAL MATERIALS, VOL. 1, NO. 1, 1966. Tr. by Benjamin Gil. 1966, 55p. SFCSI-HEW(TT-66-51151/1).
Order from CFSTI: $2.00 as TT-66-51151/1

J. Psychology (Individual and group behavior)

TT-65-31249 Field 5J

BIOPHYSICS VOL. 10, NO. 1 1965: SELECTED TRANSLATIONS. 11 Jun 65, 42p, 82refs. JPRS-30575.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-65-31249

Trans. of Biofizika (USSR) v10 n1 p130-54 1965.
Available copy will not permit fully legible reproduction.

TT-65-31328 Field 5J

ACTIVITIES IN USSR PSYCHOLOGY. 24 Jun 65, 23p. JPRS-30773.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-31328

Trans. of Voprosy Psikhologii (USSR) v11 n2 p181-90 1965.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-12196 Field 5J

Stierlin, H.
TWO DOCTRINES OF DRIVE: LORENZ AND FREUD. 14p, 14refs.
Order from SLA: $1.60 as TT-66-12196

Trans. of Nervenarzt (West Germany) v24 n10 p407-10 1954.

TT-66-32099 Field 5J, 6D, 12B

Gorshkov, A. F.; Aladzhalova, N. A.; Granovskaya, R. M.; Ganzen, V. A.
STUDIES IN BIOLOGICAL AND MACHINE MEMORY. 24 May 66, 28p, 20refs. JPRS-35664.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32099

Trans. of mono. Operativnye i Postoyannye Zapominayushchie Ustroistva, Leningrad, 1964 p164-86.

TT-66-32147 Field 5J

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCES NO. 91. Acta Psychologica Sinica. 26 May 66, 8p. JPRS-35712.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32147

Trans. of abstracts Hsin Li Hsueh Pao (Chinese People's Republic) n1 p1-83 1966.

K. Sociology

TT-65-34035 Field 5K

Kacprzak, M.
SOCIOLOGICAL TRANSLATIONS ON EASTERN EUROPE NO. 327. 22 Dec 65, 51p, 2refs. JPRS-33461.
Order from CFSTI or ETC: HC$3.00, MF$0.50
as TT-65-34035

TT-66-32243 Field 5K, 5A, 5I

SOCIOLOGICAL TRANSLATIONS ON EASTERN EUROPE NO. 349. 2 Jun 66, 94p. JPRS-35808.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-32243

06 BIOLOGICAL AND MEDICAL SCIENCES

A. Biochemistry

TT-66-11838 Field 6A

Souzu, H.
FREEZING INJURY IN YEAST CELLS. THE MECHANISM OF DEGRADATION OF SOME PHOSPHORUS COMPOUNDS OF YEAST CELLS RESULTING

FROM FREEZING AND THAWING. 17p, 8refs.
ORNL-tr-658.
Order from SLA: $1.60 as TT-66-11838

Trans. of Teion Kagaku. Seibutsu Hen (Japan) v22 p109-18 1964.

TT-66-12179 Field 6A, 6M

Legault-Demare, J.; Mauleon, P.; Suzrez-Soto, M.
A STUDY OF THE IN-VITRO BIOLOGICAL ACTIVITY OF GONADOTROPIC HORMONES. II. IN-VITRO STIMULATION OF CORPUS LUTEUM OF EWES BY SERUM GONADOTROPIC HORMONE OF PREGNANT MARES. 10p, 10refs.
Order from SLA: $1.10 as TT-66-12179

Trans. of Acta Endocrinologica (Denmark) v34 p163-8 1960.

B. Bioengineering

TT-66-32046 Field 6B, 9F, 6E, 6P, 6L, 6D

Babskii, E. B., ed.; Parin, V. V., ed.
MODERN TECHNICAL ADVANCES IN MEDICINE.
19 May 66, 148p, 188refs. JPRS-35611.
Order from CFSTI or ETC: HC$4.00, MF$1.00 as TT-66-32046

Trans. of mono. Dostizheniya Sovermennoi Tekhniki v Meditsine, Moscow, 1965 172p.

C. Biology

TT-63-11396 Field 6C, 8H

Kajak, Z.
PRELIMINARY INTERPRETATION OF THE DYNAMICS OF BENTHIC FAUNA ABUNDANCE IN A CHOSEN ENVIRONMENT OF THE KONFEDERATKA POOL (OLD RIVER BED) ADJOINING THE VISTULA RIVER (Proba Interpretacji Dynamiki Liczebnosci Fauny Bentonicznej w Wybranym Srodowisku Lachy Wislanej 'Konfederatka').
Tr. by J. Bachrach. 1964, 79p, 107refs.
SFCSI-Int(TT-63-11396).
Order from CFSTI: HC$3.00 as TT-63-11396

Trans. of Ekologia Polska. Seria A, v6 n7 p205-91 1958.

TT-65-22211 Field 6C, 8A

Saidova, Kh. M.
THE DISTRIBUTION OF BENTHIE FORAMINIFERA IN THE PACIFIC OCEAN. 11p.
Order from ETC: $1.60 as TT-65-22211

Trans. of Okeanologiya (USSR) v5 n1 p99-110 1965.

TT-65-23223 Field 6C

Sokolova, V. E.; Vasyukova, N. I.
THE ROLE OF THE PERIPHERAL LAYER IN THE DEVELOPMENT OF NECROSIS ON POTATO TUBERS INFECTED WITH PHYTOPHTHORA INFESTANS. 5p.
Order from ETC: $1.10 as TT-65-23223

Trans. of Akademiya Nauk SSSR. Doklady, v160 n3 p724-7 1965.

TT-65-23229 Field 6C, 8G

Gomolitskii, N. P.
PODOCARPOPHYLLUM - A NEW CONIFER GENUS FROM THE JURASSIC CARBONIFEROUS DEPOSITS OF ANGREN IN CENTRAL ASIA. 6p, 7refs.
Order from ETC: $1.10 as TT-65-23229

Trans. of Botanicheskii Zhurnal (USSR) v47 n7 p1029-32 1962.

TT-65-23232 Field 6C

Nowotny-Mieczynska, A.
SOME FACTORS INFLUENCING THE PIGMENTATION OF NODULES OF LEGUMINOUS PLANTS. 7p.
Order from ETC: $1.10 as TT-65-23232

Trans. of Acta Microbiologica Polonica, v1 n1 p42-51 1951.

TT-65-23234 Field 6C

Odumanova-Dunaeva, G. A.; Kozlova, K. I.
THE PENETRATION OF CHLORINATED ORGANIC INSECTICIDES THROUGH THE ROOTS AND THEIR TRANSLOCATION WITHIN THE PLANT. 7p.
Order from ETC: $1.10 as TT-65-23234

Trans. of Botanicheskii Zhurnal (USSR) v49 n9 p1272-8 1964.

TT-65-25351 Field 6C

Petrov-Spiridonov, A. E.
THE INFLUENCE OF MALONIC ACID ON THE RESPIRATION OF SOYA BEAN LEAVES. 6 Oct 65, 4p, 2refs.
Order from ETC: $1.10 as TT-65-25351

Trans. of Moskovskaya Selskokhozyaistvennaya Akademiya. Izvestiya, n2(45) p206-8 1962.

TT-65-25352 Field 6C

Popov, K. P.
PREVENTING INSECT DAMAGE TO HERBARIUM COLLECTIONS. 19 Oct 65, 7p.
Order from ETC: $1.10 as TT-65-25352

Trans. of Botanicheskii Zhurnal (USSR) v50 n3 p368-70 1965.

TT-65-25354 Field 6C, 8F

Saidova, Kh. M.
THE QUANTITATIVE DISTRIBUTION OF BENTHIC FORAMINIFERA IN THE ANTARCTIC. 19 Oct 65, 3p (figs omitted).
Order from ETC: $1.10 as TT-65-25354

Trans. of Akademiya Nauk SSSR. Doklady, v139 n4 p967-9 1961.

TT-65-25732 Field 6C

Petrishcheva, P. A.
VECTORS OF DISEASES OF NATURAL FOCI. Tr. by B. Hershkovitz. 332p. IPST-2150.
Order from IPST as IPST-2150

Trans. of mono. Perenochiki Vozbuditelei Prirodnoochagovykh Boleznei, Moscow, 1962.

TT-65-31808 Field 6C, 5I

Olkhovskaya, B.; Kuznetsov, Yu.
SCANDAL AMONG KIRGIZ SCIENTISTS. 29 Jul 65, 8p. JPRS-31311.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31808

Trans. from Izvestiya (USSR) 25 Jun p4 1965.

TT-65-33839 Field 6C, 6F, 2D

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCE NO. 14. Acta Phytophylacica. Sinica. 10 Dec 65, 12p. JPRS-33264.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-33839

Consists of abstracts from Chih Wu Pao Hu Shueh Pao (Chinese People's Republic) v4 n2 1965.

TT-65-50370 Field 6C

Domurat, J.
EMBYONIC DEVELOPMENT OF TROUT (SALMO TRUTTA L.), PIKE (ESOX LUCIUS L.) AND ROACH (RUTILUS RUTILUS L.) IN WATERLESS ENVIRNOMENT (Rozwoj Embrionalny Troci (Salmo Truttu L.), Szczupaka (Esox Lucius L.) i Ploci (Rutilus Rutilus L.) w Srodowisku Bezwodnym). 1966, 7p, 5refs. SFCSI-Int(TT-65-50370).
Order from CFSTI: HC$1.00 as TT-65-50370

Trans. of Polskie Archiwum Hydrobiologii, v3(16) p166-73 1956.

TT-66-11828 Field 6C

Tauc, L.
POST-SYNAPTIC PROCESSES OF EXCITATION AND INHIBITION IN THE NEURONIC SOMA OF THE SEA SLUG (APLYSIA) AND SNAIL. Tr. by P. DePorte. 7 Apr 66, 42p, 36refs. NIH-4-5-66.
Order from SLA: $4.60 as TT-66-11828

Trans. of Archives Italiennes de Biologie, v96 n1 p78-110 1958.

TT-66-11865 Field 6C

Bara, M.
THE EFFECT OF THE CLINOSTAT ON THE SYNTHESIS OF TRYPTOPHAN IN HELIANTHUS ANNUUS (L'Effet du Clinostate sur la Synthese du Tryptophane chez l'Helianthus Annuus). Tr. by B. Guttman. Mar 66, 7p, 28refs. ANL-Trans-291.
Order from SLA: $1.10 as TT-66-11865

Trans. of Physiologia Plantarum (Denmark) v18 p1037-43 1965.

TT-66-11866 Field 6C, 6M

Leiner, M.; Wohlfeil, M.
THE SYMBIONIC BACTERIUM IN PELOMYXA PALUSTRIS GREEFF. PART II (AND) TWO SPECIES OF PELOMYXA PALUSTRIS GREEFF DEFINED METABOLICALLY AND PHYSIOLOGICALLY (Das Symbiontische Bakterium in Pelomyxa Palustris Greeff. II (und) Zwei Stoffwechselphysiologisch Definierte Rassen von Pelomyxa Palustris Greeff). Tr. by E. K. Wilip. Feb 66, 5p, 4refs. ANL-Trans-278.
Order from SLA: $1.10 as TT-66-11866

Trans. of die Naturwissenschaften (West Germany) v40 n21 p557; n23 p608 1953.

TT-66-11881 Field 6C

Haccius, B.; Lakshmanan, K. K.
ADVENTIVE EMBRYONY IN CALLUS CULTURE OF NICOTIANA UNDER HIGH LIGHT INTENSITY (Adventiv-Embryonen aus Nicotiana-Kallus, der bei Hohen Lichtintensitaeten Kultiviert Wurde). Tr. by E. K. Wilip. Nov 65, 4p, 8refs. ANL-Trans-247.
Order from SLA: $1.10 as TT-66-11881

Trans. of Planta (West Germany) v65 p102-4 1965.

TT-66-31460 Field 6C

GENETICS, NO. 2, 1965. 13 Apr 66, 279p, 287refs. JPRS-35022.
Order from CFSTI or ETC: HC$6.00, MF$1.50 as TT-66-31460

Trans. of Genetika (USSR) n2 p3-184 1965.

TT-66-31531 Field 6C, 5I

BIOLOGICAL SCIENCES IN DIRECT CONFRONTATION WITH LIFE. 18 Apr 66, 12p. JPRS-35093.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-31531

Trans. from Scinteia (Rumania) 5 Mar p3 1966.

TT-66-31805 Field 6C

GENETICS, NO. 4, 1965. 6 May 66, 246p, 464refs. JPRS-35369.
Order from CFSTI or ETC: HC$6.00, MF$1.25 as TT-66-31805

Trans. of Genetika (USSR) n4 185p 1965.

TT-66-31894 Field 6C

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCES NO. 78. 11 May 66, 21p. JPRS-35458.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-31894

TT-66-32035 Field 6C

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCES NO. 88. Biology Bulletin. 19 May 66, 19p. JPRS-35600.
Order from CFSTI or ETC: HC$1.00, MF$0.50

as TT-66-32035

Trans. of abstracts Sheng-wu-hsueh T'ung-pao (Chinese People's Republic) n2 56p 1966.

TT-66-32119 Field 6C

GENETICS, NO. 1, 1966. 25 May 66, 268p, 412refs. JPRS-35684.
Orderfrom CFSTI or ETC: HC$6.00, MF$1.25
as TT-66-32119

Trans. of Genetika (USSR) n1 191p 1966.

TT-66-32343 Field 6C, 5I

Gorelov, V.; Gubarev, V.
THE DIVERSIFIED ACHIEVEMENTS OF PROFESSOR NIKOLAY PETROVICH DUBININ IN THE SCIENCE OF GENETICS. 9 Jun 66, 5p. JPRS-35909.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32343

Trans. of Ekonomicheskaya Gazeta (USSR) n17 p11 1966.

D. Bionics

TT-66-31998 Field 6D, 3A

STATUS AND OUTLOOK IN RADIOASTRONOMICAL AND CYBERNETIC RESEARCH. 17 May 66, 8p. JPRS-35563.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-31998

Trans. of Akademiya Nauk URSR, Kiev. Dopovidi, n1 p129-32 1966.

TT-66-32062 Field 6D, 9B, 13H

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: CYBERNETICS, COMPUTERS AND AUTOMATION TECHNOLOGY NO. 5. 23 May 66, 4p. JPRS-35627.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32062

TT-66-32170 Field 6D, 9B, 13H

Glushkov, V.
THE CONTRIBUTUON OF CYBERNETICS TO ECONOMIC DEVELOPMENT. 27 May 66, 5p. JPRS-35735.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32170

Trans. of Pravda Ukrainy (USSR) 29 Mar p2 1966.

TT-66-32207 Field 6D, 12-

ABSTRACTS JOURNAL: CYBERNETICS, NO. 1, 1966. 1 Jun 66, 168p. JPRS-35772.
Order from CFSTI or ETC: HC$5.00, MF$1.00
as TT-66-32207

Trans. from Referativnyi Zhurnal. Kibernetika (USSR) n1 1966.

E. Clinical medicine

TT-64-11457/12 Field 6E, 6O, 5I

MEDICAL JOURNAL, VOL. 86, NO. 12, 1964. 1965, 78p, 172refs. SFCSI-HEW-NLMTT-64-11457/12.
Order from CFSTI 3.00 as TT-64-11457/12

Trans. of Lijecnicki Vjesnik Yugoslavia v86 n12 p1469-1549 1964.

TT-65-30313 Field 6E, 6S, 6O

PATHOLOGICAL PHYSIOLOGY AND EXPERIMENTAL THERAPY, VOL. VIII, NO. 5 1964: SELECTED ARTICLES. 11 Feb 65, 58p, 112refs. JPRS-28724.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-65-30313

Trans. of Patologicheskaya Fiziologiya i Eksperimentalnaya Terapiya (USSR) v8 n5 p12-20, 31-44, 73-8 81-2 1964.

TT-65-30540 Field 6E, 5I, 6I, 6O

PRACTICAL AND THEORETICAL ASPECTS OF SOVIET MEDICINE. 18 Mar 65, 23p. JPRS-29182.
Order from CFSTI or ETC HC1.00, MF0.50
as TT-65-30540

Trans. from Meditsinskaya Gazeta USSR v27 p1-4 15 Sep 1964.

TT-65-30701 Field 6E

Medvedev, Zh. A.; Neifakh, A. A.; Pogosyants, E. E.
ONCOLOGICAL RELATIONS OF THE MECHANICS OF CELLULAR GROWTH: THREE PAPERS. 12 Apr 65, 75p, 231refs. JPRS-29523.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-65-30701

Trans. of Vsesoyuznoe Khimicheskoe Obshchestvo. Zhurnal (USSR) v8 n4 p384-94, 403-12, 449-58 1964.
Available copy will not permit fully legible reproduction.

TT-65-30722 Field 6E

CLINICAL MEDICINE, NO. 12, 1964: SELECTED TRANSLATIONS. 13 Apr 65, 23p, 13refs. JPRS-29565.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-30722

Trans. of Klinicheskaya Meditsina (USSR) v42 n12 p3-8, 25-32, 105-8 1964.

TT-65-31203 Field 6E, 6A, 6M

Kassirskii, I. A.; Bekh, N. D.; Zhukova, N. A.; Minakova, L. V.
HEMATOLOGY AND BLOOD TRANSFUSION. 8 Jun 65, 30p, 10refs. JPRS-30492.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-65-31203

Trans. of Problemy Gematologii i Perelivaniya Krovi (USSR) v10 n4 p3-14, 46-53 Apr 1965.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-65-33216 Field 6E

Gubarev, I.; Bakulev, A. N.
ELECTRIC CURRENT STIMULATES HEART ACTION.
5 Nov 65, 10p. JPRS-32738.
Order from CFSTI, or ETC: HC$1.00, MF$0.50
as TT-65-33216

Trans. of Nauka i Zhizn (USSR) v32 n6 p33-5 1965.

TT-65-33933 Field 6E, 6O, 6C, 2D

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS:
BIO-MEDICAL SCIENCE NO. 16. 16 Dec 65, 28p.
JPRS-33358.
Order from CFSTI or ETC: $2.00, MF$0.50
as TT-65-33933

Consists of abstracts from Chiang Hsi I Yao Tsa Chih (Chinese People's Republic) v5 n3 1965 and Yuan I Hsueh Pao (Chinese People's Republic) v4 n1 1965.

TT-65-50305/6 Field 6E, 6M, 6O

ARCHIVUM IMMUNOLOGIAE ET THERAPIAE EXPERIMENTALIS, VOL. 13, NO. 6, 1965. Tr. by Edwin Paryski. 1965, 97p, 148refs. SFCSI-HEW-NLM(TT-65-50305/6).
Order from CFSTI: $3.00 as TT-65-50305/6

Trans. of Archivum Immunologiae et Therapiae Experimentalis (Poland) v13 n6 p593-675.

TT-65-50407/3 Field 6E

MEDICAL JOURNAL, VOL. 87, NO. 3, 1965. 1965, 82p, 124refs. SFCSI-HEW-NLM(TT-65-50407/3).
Order from CFSTI: $3.00 as TT-65-50407/3

Trans. of Lijecnicki Vjesnik (Yugoslavia) v87 n3 p263-339 1965.

TT-65-50407/6 Field 6E, 6O

MEDICAL JOURNAL, VOL. 87, NO. 6, 1965. 1965, 69p, 140refs. SFCSI-HEW-NLM(TT-65-50407/6).
Order from CFSTI: $3.00 as TT-65-50407/6

Trans. of Lijecnicki Vjesnik (Yugoslavia) v87 n6 p611-75 1965.

TT-66-10974 Field 6E, 6P

Michaud, L.
CONTRIBUTION TO THE KNOWLEDGE OF CONGENITAL, IDIOPATHIC CARDIAC HYPERTROPHY. Tr. by A. N. Vildzius. 4 Jun 65, 9p. NIH-6-4-65.
Order from SLA: $1.10 as TT-66-10974

Trans. of Schweizerische Medizinische Wochenschrift, v36 n31 p779-85 1906.

TT-66-11580 Field 6E, 6M

Haguenau, F.; Hollmann, K. H.; Mouriquand, J.; Mouriquand, C.
ULTRASTRUCTURAL STUDY OF MAMMARY TUMORS AND LEUKEMIC ORGANS OF MICE OF A NEWLY ISOLATED STRAIN (THE PS STRAIN). Tr. by Z. Knowles. 1 Mar 66, 22p, 34refs. NIH-3-8-66.
Order from SLA: $2.60 as TT-66-11580

Trans. of Journal de Microscopie (France) v4 n2 p253-64 1965.

TT-66-11582 Field 6E

Igari, T.; Arai, M.
PLEUROPNEUMONIA-LIKE ORGANISMS (PPLO) IN SYNOVIAL FLUID: CONSIDERATIONS ON THE ETIOLOGY OF RHEUMATOID ARTHRITIS. 21 Feb 66, 14p, 39refs. NIH-3-6-66.
Order from SLA: $1.60 as TT-66-11582

Trans. of Iwate Igaku Zashi (Japan) v16 n1 p15-21 1964.

TT-66-11592 Field 6E

Cohen, A. L.; Wasserman, C.
ACUTE INFECTIOUS LYMPHOCYTOSIS. Tr. by P. DePorte. 16 Feb 66, 5p, 19refs. NIH-2-17-66.
Order from SLA: $1.10 as TT-66-11592

Trans. of Archivos Argentinos de Pediatria, v55 p269-72 1961.

TT-66-30087 Field 6E, 6A

VESTNIK OF TH E USSR ACADEMY OF MEDICAL SCIENCES VOL. 20, NO. 10, 1965. 7 Jan 66, 145p, 502refs. JPRS-33643
Order from CFSTI or ETC: HC$4.00, MF$1.00
as TT-66-30087

Trans. of Akademiya Meditsinskikh Nauk SSSR, Vestnik, v20 n10 85p 1965.

TT-66-31355 Field 6E, 5I, 6A

COMMUNIST CHINA'S SCIENCE AND TECHNOLOGY: TRANSLATIONS NO. 306, 6 Apr 66, 11p. JPRS-34917.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-31355

TT-66-31864 Field 6E, 5I

SOVIET PUBLIC HEALTH, VOL. 25, NO. 1, 1966. 10 May 66, 150p, 25refs. JPRS-35428.
Order from CFSTI or ETC: HC$4.00, MF$1.00
as TT-66-31864

Trans. of Sovetskoe Zdravookhranenie (USSR) v25 n1 p1-96 1966.

TT-66-31993 Field 6E, 6O

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCES NO. 82. 17 May 66, 15p. JPRS-35557.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-31993

Abstract trans. of Chiang Su Chung I (Chinese People's Republic) n2 40p 1966.

TT-66-31995 Field 6E, 6M, 6R, 6P, 2E

USSR SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCES NO. 18. 17 May 66, 65p. JPRS-35560.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-31995

TT-66-32051 Field 6E

SOCIOLOGICAL TRANSLATIONS ON EASTERN EUROPE NO. 348. 19 May 66, 13p. JPRS-35616.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32051

TT-66-32072 Field 6E, 5I

Volkov, M.; Lemenev, L.
RESOLUTION OF COUNCIL OF SCIENTIFIC MEDICAL SOCIETIES PRESIDIUM CONCERNING REPORT ON 1958-1965 ACTIVITIES OF BOARD OF ALL-UNION SOCIETY OF ONCOLOGISTS. 23 May 66, 8p. JPRS-35637.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32072

Trans. of Voprosy Onkologii (USSR) v12 n3 p114-7 1966.

TT-66-32073 Field 6E, 5I

Matyushin, I. F.; Aratskii, V. P.; Amosova, V. V.
BIOGRAPHIES OF SOVIET SURGEONS. 23 May 66, 12p. JPRS-35638.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32073

Trans. of Vestnik Khirurgii (USSR) v96 n2 p142-3 1966 and of Eksperimentalnaya Khirurgiya i Anesteziologiya (USSR) v11 n1 p85-9 1966.

TT-66-32074 Field 6E, 5I

BIOLOGICAL AND MEDICAL SCIENCES. 23 May 66, 20p. JPRS-35639.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32074

Trans. from Muncitorul Sanitar (Rumania) 13 Apr p2 1966.

TT-66-32076 Field 6E, 6P

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCES NO. 90. 23 May 66, 20p. JPRS-35641.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32076

Trans. of Chung-hua Fu-ch'an-k'o Tsa-chih (Chinese People's Republic) v11 n3 p175-252 1965.

TT-66-32112 Field 6E

Glants, R. M.; Rudnitskaya, M. Z.
SOVIET RESEARCH ON TRANSFUSION REACTIONS AND GAMMA-GLOBULIN PROPERTIES. 24 May 66, 21p, refs. JPRS-35677.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32112

Trans. of Problemy Gematologii i Perelivaniya Krovi (USSR) v11 n3 p24-31, 45-8 1966.

TT-66-32137 Field 6E, 5I

Rsuzyak, I.
THE RESEARCH INSTITUTE OF EXPERIMENTAL MEDICINE OF THE HUNGARIAN ACADEMY OF SCIENCES. 26 May 66, 7p. JPRS-35702.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32137

Trans. of Magyar Tudomanyos Akaemia V Orvosi Tudomanyos Osztalyanak Kozlemenyei (Hungary) v16 n1 p37-44 1965.

TT-66-32167 Field 6E

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCES NO. 92. Chinese Journal of Surgery. 27 May 66, 39p. JPRS-35732.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32167

Trans. abstract of Chung Hua Wai K'o Tsa Chih (Chinese People's Republic) v13 n8 p696-774 1965.

TT-66-32271 Field 6E, 6M, 5C, 5I

CUBA: TRANSLATIONS NO. 429. 6 Jun 66, 60p. JPRS-35837.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-32271

TT-66-32272 Field 6E, 6O, 6M, 6T

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCES NO. 93. Wuhan Medical Journal. 6 Jun 66, 33p. JPRS-35838.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32272

Abstract trans. of Wu Han I Hsueh Tsa Chih (Chinese People's Republic) v3 n1 p1-83 1966.

TT-66-32276 Field 6E

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCES NO. 94. Chinese Journal of Surgery. 6 Jun 66, 40p. JPRS-35842.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32276

Trans. of abstracts Chung Hua Wai K'o Tsa Chih (Chinese People's Republic) v13 n4 p309-408 1965.

TT-66-32295 Field 6E, 5I, 6O, 6M

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCES NO. 95. National Medical Journal of China. 6 Jun 66, 22p. JPRS-35861.
Order from CFSTI or ETC: HC$1.00, MF$0.50

as TT-66-32295

Trans. of abstracts Chung Hua I Hsueh Tsa Chih (Chinese People's Republic) v52 n1 p1-66 1966.

TT-66-32315 Field 6E, 5I

Groshkova, I. M.; Ivanenko, A. K.
ANTI MALARIAL MEASURES IN THE KAZAKH SSR AND TADZHIK SSR. 7 Jun 66, 8p. JPRS-35881.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32315

Trans. of Meditsinskaya Parazitologiya i Parazitarnye Bolezni (USSR) v35 n1 p107-9 1966.

TT-66-32353 Field 6E

Dolabchyan, Z. L.
EXCERPTS FROM SOVIET BOOK ON SYNTHETIC ELECTROMECHANICAL CARDIOLOGY. 9 Jun 66, 37p. JPRS-35919.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32353

Trans. of mono. Ocherki Sinteticheskoi Elektromekhanokardiologii, Erevan, 1965 p3-10, 303-20.
Outlines of Synthetic Electromechanical Cardiology.

TT-66-32368 Field 6E, 6M

Lyubashevskii, M. I.; Taran, I. F.
STUDIES IN COMPLEX IMMUNIZATION OF GUINEA PIGS AGAINST PLAGUE, SMALLPOX, AND YELLOW FEVER. 10 Jun 66, 8p. JPRS-35934.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32368

Trans. of Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii (USSR) n4 p17-21 1966.

TT-66-60118 Field 6E, 6C, 6O, 6M, 6F

Olsufev, N. G.; Pastukhov, B. N.; Kucheruk, V. V.
QUESTIONS IN THE EPIDEMIOLOGY AND PROPHYLAXIS OF TULAREMIA. Mar 64, 325p. ABL-Trans-1038; AD-625 632.
Order from CFSTI or ETC: HC$7.00, MF$1.50
as AD-625 632

Trans. of mono. Voprosy Epidemiologii i Profilaktiki Tulyaremii, Moscow, 1958 187p.

F. Environmental biology

TT-65-50327 Field 6F, 6C

Krzeczkowski, K.
INFLUENCE OF SOME ECOLOGICAL FACTORS ON THE BODY SIZE OF TYROPHAGUS NOXIUS ZACHW. ADULTS TYROGLYPHIDAE, ACARINA (Wplyw Niektorych Czynnakow Ekologicznych na Wielkosc Ciala Proscopa Rozkruszka Drobnego Tyrophagus Noxius Zachw, Tryoglyphidae Acarina). 1966, 18p, 8refs. SFCSI-Agr(TT-65-50327).
Order from CFSTI: $1.00 as TT-65-50327

Trans. of Instytut Ochrony Roslin, Poznan. Prace Naukowe (Poland) v4 n1 p155-76 1962.

TT-65-50331 Field 6F, 2F, 6C

Orlos, H.; Dominik, T.
SOME NOTES ON THE BIOLOGY OF THE ROOT FOMES FOMES ANNOSUS (FR.) COOKE (Z Biologii Huby Korzeniowej Fomes Annosus (Fr.) Cooke). 1966, 13p, 5refs. SFCSI-Agr(TT-65-50331).
Order from CFSTI: $1.00 as TT-65-50331

Trans. of Sylwan (Poland) v104 n1 p1-13 1960.

G. Escape, rescue and survival

TT-66-31812 Field 6G, 5I

Paskalev, D.; Corlaciu, B.
MILITARY INFORMATION ON EASTERN EUROPE NO. 131. 9 May 66, 14p. JPRS-35376.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-31812

Trans. of Voenno Meditskinsko Delo (Bulgaria) n1 p3-7 1966 and Viata Militaria (Rumania) v19 n1 p3 1966.

J. Industrial (occupational) medicine

TT-66-32083 Field 6J, 6I

LABOR HYGIENE AND OCCUPATIONAL DISEASES, VOL. 10, NO. 1, 1966. 23 May 66, 72p, refs. JPRS-35648.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-32083

Trans. of Gigiena Truda i Professionalnye Zabolevaniya (USSR) v10 n1 64p 1966.

TT-66-32095 Field 6J, 6I

LABOR HYGIENE AND OCCUPATIONAL DISEASES, VOL. 10, NO. 2, 1966. 24 May 66, 118p. JPRS-35660.
Order from CFSTI or ETC: HC$4.00, MF$0.75
as TT-66-32095

Trans. of Gigiena Truda i Professionalnye Zabolevaniya (USSR) v10 n2 64p 1966.

TT-66-32152 Field 6J, 13L

Chernyavskii, G.; Manzyuk, E.
STUDIES IN OCCUPATIONAL DISEASES. 26 May 66, 9p. JPRS-35717.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32152

Trans. from Meditsinskaya Gazeta (USSR) 1 Mar p3; 11 Mar p2 1966.
Prevention of Vibration Sickness. The Physiology of Labor of the Miner.

TT-66-32358 Field 6J, 13L, 13B

Burchakov, A. S.; Moskalenko, E. M.
THE DYNAMICS OF AEROSOLS IN MINE WORKINGS. 9 Jun 66, 61p, 25refs. JPRS-35924.
Order from CFSTI or ETC: HC$3.00, MF$0.75

as TT-66-32358

Trans. of mono. Dinamika Aerozolei v Gornykh Vyrabotkakh, Moscow, 1965 68p.

TT-66-61429 Field 6J, 6E, 13B, 21G

Levine, B. S.
U.S.S.R. LITERATURE ON AIR POLLUTION AND RELATED OCCUPATIONAL DISEASES, VOL. 12. 1966, 348p, refs.
Order from CFSTI or ETC: HC$7.00, MF$1.75
as TT-66-61429

Trans. of Gigiena i Sanitariya (USSR) v27 n6 p38-41 1962; v28 n1 p31-8, 66-8, 77-89, 108-10; n2 p3-8, 19-24, 54-6, 93-5; n3 p3-7, 21-7, 48-52, 72-9; n4 p3-11, 24-32, 48-52, 60-2, 91-2; n5 p3-8, 24-35, 47-58, 91-4; n6 p8-15, 24-34, 49-53, 55-6, 65-9, 95-7; n7 p7-11, 18-32, 45-8, 62-4; n8 p3-8, 29-33, 40-1, 58-9, 94-5; n9 p5-11, 23-30, 51-4, 88-96, 101-3; n10 p30-4, 45-50, 58-61, 71-2; n11 p9-16, 36-44, 71-3, 87-92; n12 p14-29, 50-4, 71-6, 81-96 1963 and Akademiya Nauk SSSR. Vestnik, v31 n10 p78-90 1961. 80 Air Pollution Control and Prevention Reports which Appeared in Gigiena i Sanitariya, Vol. 28 1963, and Supplement: A New Type of Internal Combustion Engine.

K. Life support

TT-66-31913 Field 6K

Mraovic, M.; Jovanovic, L.; Bogetic, L.; Dostanic, M.; Cakic, V.
SOCIOLOGICAL TRANSLATIONS ON EASTERN EUROPE NO. 345, 12 May 66, 56p. JPRS-35477.
Order from CFSTI or ETC: HC$3.00, MF$0.50
as TT-66-31913

M. Microbiology

TT-65-31641 Field 6M, 6E, 6C

PROBLEMS OF VIROLOGY, NO. 2, 1965: SELECTED TRANSLATIONS. 19 Jul 65, 68p, 125refs. JPRS-31143.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-65-31641

Trans. of Voprosy Virusologii (USSR) v10 n2 p131-8, 150-5, 165-71, 187-91, 198-202, 226-32 1965.
Another trans. of p226-8 is available from CFSTI or ETC: HC$1.00 MF$0.50 as TT-65-31126, 6p.

TT-66-11870 Field 6M

Leiner, M.; Wohlfeil, M.
SYMBIONIC BACTERIA IN PELOMYXA PALUSTRIS GREEFF. III (Das Symbiontische Bakterium in Pelomyxa Palustris Greeff. III). Tr. by E. K. Wilip. Jan 66, 24p, 13refs. ANL-Trans-271.
Order from SLA: $2.60 as TT-66-11870

Trans. of Zeitschrift fuer Morphologie und Oekologie der Tiere (Germany) v42 p529-49 1954.

TT-66-12241 Field 6M

Faguet, M.
INFLUENCE OF ADENINE AND OF CERTAIN PYRIMIDINE BASES ON THE LYSIS OF CULTURES OF ESCHERICHIA COLI SUBJECTED TO THE ACTION OF BENZYL-PENICILLIN (PENICILLIN G). 7p, 7refs.
Order from SLA: $1.10 as TT-66-12241

Trans. of Academie des Sciences, Paris. Comptes Rendus (France) v261 n23 p5239-42 1965.

TT-66-12242 Field 6M

Cohen-Bazire, G.; Jolit, M.
ISOLATION BY SELECTION OF MUTANTS OF ESCHERICHIA COLI SPONTANEOUSLY SYNTHESIZING AMYLOMALTASE AND BETA-GALACTOSIDASE (Isolement par Selection de Mutants d'Escherichia Coli Synthetisant Spontanement l'Amylomaltase et la Beta-Galactosidase). 11p, 19refs.
Order from SLA: $1.60 as TT-66-12242

Trans. of Institut Pasteur, Paris. Annales (France) v84 p937-45 1953.

TT-66-32365 Field 6M

Bekker, M. O.; Kutsemakina, A. Z.
NUCLEOTIDE COMPOSITION OF DEXYRIBONUCLEIC ACID IN PASTEURELLA. 10 Jun 66, 5p, 6refs. JPRS-35931.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32365

Trans. of Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii (USSR) n4 p84-6 1966.

TT-66-32366 Field 6M, 6E

Kasymova, Kh. A.; Uzbekova, B. R.
HEALTH OF PERSONS ERRONEOUSLY VACCINATED WITH A LARGE DOSE OF BRUCELLOSIS VACCINE (BA-19 STRAIN). 10 Jun 66, 4p. JPRS-35932.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32366

Trans. of Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii (USSR) n4 p139-40 1966.

TT-66-32367 Field 6M

Levina, E. N.; Kats, L. N.
STUDIES ON B. ANTHRACTS AND B. CEREUS ANTIGENS BY MEANS OF FLUORESCENT-SEROLOGICAL AND CYTOCHEMICAL TECHNIQUES. 10 Jun 66, 9p, 7refs. JPRS-35933.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32367

Trans. of Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii (USSR) n4 p98-103 1966.

TT-66-60116 Field 6M, 6E

Levi, M. I.; Kanatov, Yu. V.; Sagatovskaya, L. A.; Kanatova, E. A.
A NEW VARIETY OF PLAGUE MICROBE. 1966, 31p, 26refs. ABL-Trans-1026; AD-625 630.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as AD-625 630

Trans. of Gosudarstvennyi Nauchno-Issledovatelskii Protivochumnyi Institut, Rostov-on-Don. Trudy (USSR) v18 p3-23 1961.

0. Pharmacology

TT-65-23203 Field 6O

Genes, S. G.
EFFECT OF INSULIN ON THE BRAIN. 29p, 95refs. DTC-83.
Order from ETC or DTC: $2.60 as TT-65-23203

Unedited draft trans. of Uspekhi Sovremennoi Biologii (USSR) v51 n2 p188-202 1961.

TT-65-25335 Field 6O, 6E

Keresti, G.; Koshik, D.
PUNCTURES FOR THE IRRIGATION OF MAXILLARY SINUSES IN NURSLINGS, INFANTS AND SCHOOL CHILDREN UNDER VINIDAN RAUSCH NARCOSIS. 6p. DTC-87.
Order from ETC or DTC: $1.10 as TT-65-25335

Unedited draft trans. of Vestnik Oto-Rino-Laringologii (USSR) v27 p27-9 1965.

TT-65-50303/3 Field 6O

POLISH PHARMACEUTICAL ACTS, VOL. 22, NO. 3, P. 209-316, 1965. 1966, 111p, 147refs. SFCSI-HEW-NLM(TT-65-50303/3).
Order from CFSTI: $4.00 as TT-65-50303/3

Trans. of Acta Poloniae Pharmaceutica, v22 n3 1965.

TT-65-50303/4 Field 6O.

POLISH PHARMACEUTICAL ACTS, VOL. 22, NO. 4, P. 383-499, 1965. 1966, 120p, 165refs. SFCSI-HEW-NLM(TT-65-50303/4).
Order from CFSTI: $4.00 as TT-65-50303/4

Trans. of Acta Poloniae Pharmaceutica, v22 n4 1965.

TT-66-12102 Field 6O

Pinatel, H.; Parado, C.
CONCERNING CODEINE. Tr. by Z. D. Knowles. 11 Aug 65, 6p. NIH-8-19-65.
Order from SLA: $1.10 as TT-66-12102

Trans. of Lyon Pharmaceutique (France) n9 p403-10 1963.

TT-66-32011 Field 6O

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCES NO. 87. Acta Pharmaceutica Sinica. 18 May 66, 32p. JPRS-35576.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-32011

Abstract trans. of Yao Hsueh Hsueh Pao (Chinese People's Republic) v13 n1 77p; n2 p79-158 1966.

TT-66-32104 Field 6O, 6E, 5I, 6L

MEDICAL INDUSTRY OF THE USSR, VOL. 20, NO. 1, 1966. 24 May 66, 99p, 86refs. JPRS-35669.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-66-32104

Trans. of Meditsinskaya Promyshlennost SSSR, v20 n1 p3-65 1966.

TT-66-32113 Field 6O, 6E

Prokhorova, B. S.; Gvazava, I. S.; Danko, L. V.
EXPERIMENTAL STUDY OF METHICILLIN ON MONKEYS. 24 May 66, 6p, 3refs. JPRS-35678.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32113

Trans. of Antibiotiki (USSR) v11 n3 p245-7 1966.

TT-66-32121 Field 6O, 6L, 6E

MEDICAL INDUSTRY OF THE USSR, VOL. 20, NO. 2, 1966. 25 May 66, 105p, 87refs. JPRS-35686.
Order from CFSTI or ETC: HC$4.00, MF$0.75 as TT-66-32121

Trans. of Meditsinskaya Promyshlennost SSSR, v20 n2 64p 1966.

TT-66-32130 Field 6O, 6E, 6L, 6C

MEDICAL INDUSTRY OF THE USSR, VOL. 20, NO. 3, 1966. 26 May 66, 103p, refs. JPRS-35695.
Order from CFSTI or ETC: HC$4.00, MF$0.75 as TT-66-32130

Trans. of Meditsinskaya Promyshlennost SSSR, v20 n3 p1-64 1966.

TT-66-32369 Field 6O, 6E, 5I, 5D

POLITICAL AND SOCIOLOGICAL INFORMATION ON NORTH VIETNAM: TRANSLATIONS NO. 276. 10 Jun 66, 20p. JPRS-35935.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32369

TT-66-61282 Field 6O, 6R

Tiunov, L. A.; Vasilev, G. A.; Valdshtein, E. A.
DRUGS FOR RADIATION PROTECTION. 17 Feb 66, 587p, 829refs. FTD-TT-65-556; AD-633 268.
Order from CFSTI or ETC: HC$8.85 MF$2.50 as AD-633 268
Unedited rough draft trans. of mono. Protivoluchevye Sredstva, Moscow, 1964 318p.

P. Physiology

TT-65-63300 Field 6P, 6A, 6C, 6E

Asratyan, E. A., Andreeva, V. N., ed.; Baru, A. V. ed.; Bekhtereva, N. P., ed.; Voino-Yasenetskii, A. V., ed.
CONFERENCE OF THE I. P. PAVLOV ALL-UNION PHYSIOLOGICAL SOCIETY (NO. 10), EREVAN, 1964. VOLUME II: TOPICS OF SCIENTIFIC PAPERS, NO. 1. 6 Jul 65, 780p. FTD-65-47; AD-620 050.
Order from CFSTI or ETC: HC$10.80, MF$3.25

as AD-620 050

Unedited rough draft trans. of mono. Sezd Vsesoyuznogo Fiziologicheskogo Obshchestva Imeni I. P. Pavlova (no. 10) Erevan, 1964. Tom II: Tezisy Nauchnykh Soobshchenii, Vypusk 1, Moscow, 1964 479p.

TT-66-50308/2 Field 6P

POLISH PHYSIOLOGY ACTS, VOL. 16, NO. 1, P. 151-287, 1965. 1966, 141p, 318refs. SFCSI-HEW-NLM(TT-65-50308/2).
Order from CFSTI: $4.00 as TT-65-50308/2
Trans. of Acta Physiologica Polonica, v16 n2 1965.

R. Radiobiology

TT-66-60131 Field 6R

Ledanova, S. N., ed.
EARLY DIAGNOSIS OF ACUTE RADIATION SICKNESS (SELECTED ARTICLES). 18 Oct 65, 245p.
FTD-TT-65-589; AD-625 779.
Order from CFSTI or ETC: HC$6.00, MF$1.25
as AD-625 779

Unedited rough draft trans. of mono. K Voprosam Rannei Diagnostiki Ostroi Luchevoi Bolezni, Kiev, 1962 p1-4, 16-28, 62-94, 103-39, 147-68, 174-232.

S. Stress physiology

TT-66-31495 Field 6S, 22A, 22C, 6R

DEVELOPMENTS IN SPACE RESEARCH. 14 Apr 66, 15p. JPRS-35057.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-31495

Trans. from Krasnaya Zvezda (USSR) 12 Feb p6; 19 Mar p5 1966.

TT-66-32033 Field 6S, 6M, 6O, 6P, 6R

USSR SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCES NO. 19, 19 May 66, 175p. JPRS-35598.
Order from CFSTI or ETC: HC$5.00, MF$1.00
as TT-66-32033

TT-66-32298 Field 6S, 6A, 6E, 6P

Marshak, M. E.
PHYSIOLOGICAL PRINCIPLES OF CONDITIONING OF A HUMAN ORGANISM. 6 Jun 66, 139p, refs. JPRS-35864.
Order from CFSTI or ETC: HC$4.00, MF$1.00
as TT-66-32298

Trans. of mono. Fiziologicheskiye Osnovy Zakalivaniya Organizma Cheloveka, Leningrad, 1965 151p.

T. Toxicology

TT-66-32153 Field 6T

Schaechter, A.; Oarda, M.
INTOXICATION BY ORGANIC PHOSPHOROUS COMPOUNDS. 26 May 66, 14p, 21refs. JPRS-35718.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32153

Trans. of Medicina Interna (Rumania) v18 n3 p283-91 1966.

07 CHEMISTRY

TT-63-11369 Field 7-

ANNALS OF CHEMISTRY, VOL. 34, NO. 5, 1960: SELECTED ARTICLES. 1966, 288p, 355refs.
SFCSI-AEC(TT-63-11369); AEC-tr-4609.
Order from CFSTI: $6.00 as AEC-tr-4609

Trans. of Roczniki Chemii (Poland) v34 n5 p1211-1538 1960.

TT-64-11460/5-6 Field 7-

Mladenovic, M., ed.
BULLETIN OF THE CHEMICAL SOCIETY BELGRADE, VOL. 29, NO. 5/6 1964. Tr. by D. Ladjevac and A. Stojiljkovic. 1966, 81p, 78refs.
SFCSI-Comm(TT-64-11460/56).
Order from CFSTI: $3.00 as TT-64-11460/5-6

Trans. of Khemisko Drushtvo, Belgrad, Glasnik (Yugoslavia) v29 n5/6 p169-89, 191-7, 199-201, 203-11, 213-7, 219-37, 239-54 1964.

TT-66-32436 Field 7-

EAST EUROPEAN SCIENTIFIC ABSTRACTS: CHEMISTRY NO. 70, 1966, 98p. JPRS-36002.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-32436

A. Chemical engineering

TT-65-20361 Field 7A

Shabelnikov, A. P.; Mukhlenov, I. P.
UNTERSUCHUNG DER ABSORPTION VON GASEN MITTLERER LOSLICHKEIT IN EINER BLASENSAULE. 12p.
Order from ETC or TIB: $1.60 as TT-65-20361

Trans. in German of Izvestiya Vysshikh Uchebnykh Zavedenii, Khimiya i Khimicheskaya Tekhnologiya (USSR) v6 n6 p982-90 1963.

TT-66-31346 Field 7A, 6H, 6A

Leshchenko, P. D.
RATIONAL DIET: EXCERPTS. 6 Apr 66, 12p. JPRS-34908.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-31346

Trans. of mono. Ratsionalnoe Pitanie, Kiev, 1965 p3-4, 5-10, 219-20.

TT-66-32438 Field 7A, 5C, 13H

EAST EUROPEAN HEAVY INDUSTRY: TRANSLATIONS NO. 274, 14 Jun 66, 73p. JPRS-36004.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-32438

TT-66-32708 Field 7A

USSR INDUSTRIAL DEVELOPMENT: SOVIET CHEMICAL INDUSTRY NO. 255, 30 Jun 66, 19p. JPRS-36275.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32708

TT-66-51116 Field 7A, 11I, 11J

Spasskii, S. S.; Obolonskaya, N. A.; Yudin, V. I.; Ginzburg, S. B.; Tagiltseva, E. S.
POLYESTER-BASED PLASTICIZERS FOR NITRILE RUBBERS (Plastifikatory dlya Nitrilnykh Kauchukov na Osnove Poliefirykh Smol). 1966, 11p, 10refs.
SFCSI-Agr(TT-66-51116).
Order from CFSTI: $1.00 as TT-66-51116

Trans. of Akademiya Nauk SSSR, Institut Khimii, Sverdlovsk. Trudy, n3 p33-41 1959.

C. Organic chemistry

TT-65-31202 Field 7C

Voronkov, M. G.; Zelcans, G. I.
ATRANES: NEW METHOD FOR SYNTHESIS OF 1-ALKYL-AND ARYLSILATRANES. 8 Jun 65, 11p, 28refs. JPRS-30491.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-31202

Trans. of Khimiya Geterotsiklicheskikh Soedinenii (USSR) n1 p51-7 1965.

TT-66-51139 Field 7C

Yashunskaya, A. G.; Shorygina, N. N.; Rogovin, Z. A.
PREPARATION OF DIALDEHYDE CELLULOSE AND ITS ETHERS (Polychenie Preparatov Dialdegidt-sellyulozy i ee Efirov). 1966, 11p, 13refs.
SFCSI-Agr(TT-66-51139).
Order from CFSTI: $1.00 as TT-66-51139

Trans. of Zhurnal prikladnoi Khimii (USSR) v22 n8 p865-73 1949.

TT-66-60739 Field 7C

Nartsissov, B.
CHEMISTRY OF RARE EARTH AND ACTINIDE DERIVATIVES TETRAPYRROL PIGMENT DERIVATIVES OF RARE EARTH ELEMENTS AND ACTINIDES.
4 Jan 66, 41p, 48refs. ATD-66-1; AD-629 515.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as AD-629 515

Surveys of Soviet Scientific and Technical Literature.

TT-66-61128 Field 7C, 14B

Lin Tieh-tsen.
GAS-CHROMATOGRAPHIC ANALYSIS OF ORGANIC COMPOUNDS. 15 Mar 66, 24p, 34refs. FTD-TT-65-684; AD-631 835.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-631 835

Edited trans. of Hua Hsueh T'ung Pao (Chinese People's Republic) n2 p1-7 1964.

D. Physical chemistry

TT-65-62843 Field 7D, 20M

Stoliarov, E. A.
TRANSFER PHENOMENA IN COMPRESSED GASES II. EMPIRICAL EQUATION FOR THE RELATION BETWEEN THE HEAT CONDUCTIVITY OF COMPRESSED GASES AND TEMPERATURE AND PRESSURE. 1965, 23p.
LA-tr-65-7.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as LA-tr-65-7

Trans. of Zhurnal Fizicheskoi Khimii (USSR) v24 n3 p279-91 1950.

TT-66-60362 Field 7D

Movseyan, M. E.; Ninoyan, Zh. O.; Badalyan, L. T.
STIMULATED RAMAN EFFECT OF SOME SUBSTANCES.
21 Dec 65, 7p, 5refs. FTD-TT-65-1313; AD-627 072.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-627 072

Unedited rough draft trans. of Akademiya Nauk Armyanskoi SSR, Erevan. Doklady, v40 n4 p205-7 1965.

TT-66-60503 Field 7D, 11I, 11J, 11E

Nikitina, T. S.; Zhuravskaya, E. V.; Kuzminskii, A. S.
EFFECT OF IONIZING RADIATION OF POLYMERS.
1966, 124p, 206refs. Trans-774; AD-628 007.
Order from CFSTI or ETC: HC$4.00, MF$0.75
as AD-628 007

Trans. of mono. Deistvie Ioniziryushchikh Izluchenii na Polimery, Moscow, 1959.

TT-66-60732 Field 7D, 20D

Reznikov, B. I.
UNSTEADY STATE DESTRUCTION OF GLASS-LIKE MATERIALS IN A SUPERSONIC GAS. 1 Feb 66, 19p, 8refs. FTD-TT-65-1608; AD-629 472.
Order from CFSTI or ETC: HC$1.60, MF$0.50
as AD-629 472

Unedited rough draft trans. of Zhurnal Prikladnoi Mekhaniki i Tekhnicheskoi Fiziki (USSR) n6 p69-76 1964.

TT-66-61382 Field 7D, 7C, 19A

Geiseler, G.; Konig, W.
KINETICS AND MECHANISM OF THERMAL DIS-INTEGRATION OF LOW-MOLECULAR ALKYL AZIDES.
1965, 15p, 9refs. AERDL-T-1825-66; AD-479 670.
Order from CFSTI or ETC: HC$1.60, MF$0.50
as AD-479 670

Trans. of mono. Kinetik und Mechanismus des Thermischen Zerfalls der Niedermolekularen Alkylazide, Leipzig, 1963 p81-92.

E. Radio and radiation chemistry

TT-65-62845 Field 7E, 20B

Khalilov, A. Kh.; Isaev, F. K.
THE EFFECTS OF MATRIX ANIONS ON TRAPS IN SOME MIXED-MATRIX ALKALI HALIDE PHOSPHORS.
Tr. by Z. St. Gallay. Mar 65, 26p. UCRL-Trans-1203(L).
Order from CFSTI or ETC: HC$2.00, MF$0.50
as UCRL-Trans-1203(L)

Trans. of Akademiya Nauk Azerbaidzhenskoi SSR, Baku. Izvestiya. Seriya Fiziko-Matematicheskikh i Tekhnicheskikh Nauk, n4 p135-45 1963.

TT-65-64013 Field 7E

Tomilov, S. B.
THE PREPARATION OF A 57Co SOURCE ON A CHROMIUM BACKING FOR MOSSBAUER EFFECT STUDIES

(Prigtovlenie Istochnika iz 57Co Na Khromovoi Podlozhke dlya Izucheniya Effekta Messbauera). Tr. by S. J. Rimshaw, J. J. Pinajian. Jan 1965, 4p, 1ref. ORNL-tr-453.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as ORNL-tr-453

Trans. of Radiokhimiya (USSR) v6 n3 p377 1964.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-61339 Field 7E, 6R

Kabakchi, A. M.; Lavrentovich, Ya. I.; Penkovskii, V. V.
CHEMICAL DOSIMETRY OF IONIZING RADIATIONS: EXCERPTS. 15 Mar 66, 168p, 274refs.
FTD-TT-65-420; AD-633 348.
Order from CFSTI or ETC: HC$5.00, MF$1.00
as AD-633 348

Unedited rough draft trans. of mono. Khimicheskaya Dozimetriya Ioniziruyushchikh Izluchenii, Kiev, 1963 p1-76, 86-92, 105-35.

08 EARTH SCIENCES AND OCEANOGRAPHY

A. Biological oceanography

TT-65-50409/1-2 Field 8A, 8H, 13B, 6E, 6C

ARCHIVES OF BIOLOGICAL SCIENCES, VOL. 17, NO. 1-2, 1964: SELECTED ARTICLES. 1966, 117p, 150refs.
SFCSI-HEW-NLM(TT-65-50409/1-2.
Order from CFSTI: $4.00 as TT-65-50409/1-2

Trans. of Arhiv Bioloskih Nauka (Yugoslavia) v17 n1-2 p1-63, 77-112 1965.

TT-66-31996 Field 8A, 6C, 8H

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCES NO. 83. Abstracts of Papers Read at the 1963 Annual Academic Conference of the Chinese Society of Oceanography and Limnology. 17 May 66, 54p. JPRS-35561.
Order from CFSTI or ETC: HC$3.00, MF$0.50
as TT-66-31996

TT-66-32050 Field 8A, 8H, 6C

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCES NO. 89. Abstracts of Papers Read at the 1963 Annual Academic Conference of the Chinese Society of Oceanography and Limnology. 19 May 66, 71p. JPRS-35615.
Order from CFSTI or ETC: HC$3.00, MF$0.50
as TT-66-32050

B. Cartography

TT-66-32815 Field 8B, 14E, 8G

Boshnyakovich, I. D.; Glebovskii, Yu. S.
PHOTOGRAPHY IN AIRBORNE GEOPHYSICAL SURVEYING. 8 Jul 66, 87p. JPRS-36383.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-32815

Trans. of mono. Fotoprivyazka Aerogeofizicheskikh Marshrutov i Anomalii, Moscow, 1963 p3-5, 17-33, 17-113.

TT-66-60496 Field 8B, 14E

Romanovskii, G. V.
PHOTOGRAMMETRIC PARAMETERS OF A CAMERA. Dec 65, 19p. FSTC-381-T65-675; AD-627 917.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-627 917

Trans. of Geodeziya i Kartografiya (USSR) n7 p34-46 1964.

C. Dynamic oceanography

TT-66-32687 Field 8C

Arseneva, N. Ya.
A METHOD OF CALCULATING THE TEMPERATURE OF THE WATER IN THE ACTIVE LAYER OF THE WHITE SEA. 29 Jun 66, 28p, 11refs. JPRS-36254.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32687

Trans. of Gosudarstvennyi Okeanograficheskii Institut. Trudy (USSR) v86 p75-94 1965.

TT-66-32689 Field 8C

Kochetov, S. V.; Pomeranets, K. S.
ON CALCULATING THE VERTICAL TEMPERATURE PROFILE IN THE SEA. 29 Jun 66, 13p, refs. JPRS-36256.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32689

Trans. of Gosudarstvennyi Okeanograficheskii Institut. Trudy (USSR) v86 p144-52 1965.

TT-66-61656 Field 8C

Arsenev, V. S.
WATER CIRCULATION IN THE BERIN SEA (Tsirkulyatsiya vod Beringova Morya). Tr. by M. Siessers. 1966, 14p, 12refs. NOO-Trans-291; AD-635 064.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-635 064

Trans. of Okeanologicheskie Issledovaniya n13 p61-5 1965.

D. Geochemistry

TT-65-30306 Field 8D

Hu Shou-hsi.
THE PRESENT STATUS OF GEOCHEMISTRY, ITS CURRENT TASKS AND FUTURE DEVELOPMENT. 10 Feb 65, 13p. JPRS-28699.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-30306

Trans. of Ti Chiu Hua Hsueh (Chinese People's Republic) p325-33 1961.

TT-65-32541 Field 8D

Subbotin, S. I., ed.
INVESTIGATION OF THE PHYSICAL PARAMETERS OF THE EARTH'S CRUST. 16 Sep 65, 184p, 144refs.

JPRS-32047.
Order from CFSTI or ETC: HC$5.00, MF$1.00
as TT-65-32541

Trans. of mono. Issledovaniya Fizicheskikh Parametrov Veshchestya Zemnoi Kori, Kiev, n9(11) 132p 1964.

E. Geodesy

TT-65-63685 Field 8E

Pariiskii, N. N.
GRAVITY ACCELERATION ON THE FUNDAMENTAL GRAVITY CONTROL STATIONS OF THE SOVIET UNION: PULKOVO, MOSCOW, POLTAVA, AND KAZAN (Uskoreniya Sily Tyazhesti v Osnovnykh Opornykh Punktakh Soyuza: Pulkove, Moske, Poltave i Kazani). Tr. by Henry Tomas. Aug 62, 129p.
ACIC-TC-495.
Order from CFSTI or ETC: HC$10.00, MF$1.00
as TT-65-63685

Trans. of mono. Izvestiya Vsesoyuznogo Tresta Osnovnykh Geodezicheskikh i Gravimetricheskikh Rabot, n1: Gravimetriya, n. p., 1935 p118-77.

TT-66-32627 Field 8E, 8B

Rusinov, M. M.
THE PROBLEM OF STEREOPANORAMIC PHOTOGRAPHY.
27 Jun 66, 8p. JPRS-36194.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32627

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Geodeziya i Aerofotosemka (USSR) n2 p123-7 1965.

TT-66-32737 Field 8E, 8B

Joo, I.; Balogh, G.; Fekete, J.
HUNGARIAN ACHIEVEMENTS IN GEODETIC AND CARTOGRAPHY. 1 Jul 66, 67p, 9refs. JPRS-36305.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-32737

Trans. of Geodezia es Kartografia (Hungary) n2 p81-94, 98-106, 151 1966.

TT-66-60360 Field 8E, 3A

Ustinov, G. A.
ADJUSTMENT OF SPACE TRIANGULATION.
20 Dec 65, 15p, 4refs. FTD-TT-65-1190; AD-627 070.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-627 070

Unedited rough draft trans. of Nablyudeniya Iskusstvennykh Sputnikov Zemli (USSR) n2 p19-24 1963.

TT-66-61643 Field 8E

Brovar, V. V., ed.
STUDIES ON GEODETIC GRAVIMETRY (Issledovaniya po Geodezicheskoi Gravimetrii). Tr. by D. Shalikashvili. Apr 66, 208p, 6refs. ACIC-TC-971; AD-634 934.
Order from CFSTI or ETC: HC$6.00, MF$1.25
as AD-634 934

Trans. of Tsentralnyi Nauchno-Issledovatelskii Institut Geodezii, Aerosemki i Kartografii. Trudy (USSR) v157 139p 1965.

TT-66-61647 Field 8E

Pellinen, L. P.
APPLICATION OF FIRST APPROXIMATION FORMULAE FOR THE COMPUTATION OF CHARACTERISTICS OF THE EARTH'S GRAVATIONAL FIELD (Primenenie Formul Pervogo Pribiezheniya dlya Vychisleniya Kharakteristik Gravitatsionnogo Polya Zemli). Tr. by George Synenko. May 66, 33p, 9refs. ACIC-TC-1025; AD-634 930.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as AD-634 930

Trans. of Tsentralnyi Nauchno-Issledovatel'skii Institut Geodezii, Aerosemki i Kartografii. Trudy (USSR) v157 p85-100 1965.

TT-66-61648 Field 8E

Fel, S.
REVIEW OF TURKESTAN TRIANGULATIONS (Obzor Turkestanskikh Triangulyatsii). Tr. by Henry Tomas. May 66, 23p. ACIC-TC-1021; AD-634 929.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-634 929

Trans. of Goedezist (USSR) n4 p22-37 1930.

TT-66-61649 Field 8E, 12A

Saltykov, V.
ON THE SOLUTION OF N. MOISEEV'S INTEGRAL EQUATION IN THE THEORY OF THE UNREGULATED FIGURE OF GEOID (Ueber die Aufloesung der Integralgleichung von N. Moiseev in der Theorie der Nichtregularisierten Geoidfigur). Tr. by Henry Tomas. Jun 66, 10p, 1ref. TC-1052; AD-634 928.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-634 928

Trans. of Akademiya Nauk SSSR. Comptes Rendus (Doklady) de l'Academie des Sciences de l'U.R.S.S., v16 n8 p133-7 1937.

TT-66-61651 Field 8E

Eremeev, V. F.
ON THE QUESTION OF DETERMINING NORMAL HEIGHTS (K Voprosu ob Opredelenii Normalnykh Vysot). Tr. by John M. Willis. Jun 66, 27p, 25refs.
ACIC-TC-1046; AD-634 927.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as AD-634 927

Trans. of Tsentralnyi Nauchno-Issledovatelskii Institut Geodezii, Aerosemki i Kartografii. Trudy (USSR) v157 p69-84 1965.

F. Geography

TT-65-33474 Field 8F

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: EARTH SCIENCES NO. 7. (Selected Papers of the 1963 Annual Conference of the Chinese Society of Geography).
17 Nov 65, 24p. JPRS-32896.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-33474

TT-66-31312 Field 8F

GEOGRAPHY, NO. 6, 1965: SELECTED ARTICLES. 4 Apr 66, 103p. JPRS-34874.
Order from CFSTI or ETC: HC$4.00, MF$0.75 as TT-66-31312

Trans. of Ti Li (Chinese People's Republic) n6 p244-72, 284 1965.

TT-66-31536 Field 8F

Almeida, F. F. M. de.
ECONOMIC AND GEOGRAPHIC TRANSLATIONS ON LATIN AMERICAN NO. 18. Geology of West Central Mato Grosso. 19 Apr 66, 106p. JPRS-35099.
Order from CFSTI or ETC: HC$4.00, MF$0.75 as TT-66-31536

Trans. of Geologia do Centro-Oeste Mato-Grossense, Rio de Janeiro. Bulletin no. 215, 1964 p11-133.

TT-66-32337 Field 8F, 8E, 6S

Driatskii, V. M., ed.
SIXTH CONTINENTAL EXPEDITION 1960-62: GENERAL DESCRIPTION AND PRELIMINARY SCIENTIFIC RESULTS. 8 Jun 66, 47p. JPRS-35903.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-32337

Trans. of Sovetskaya Antarkticheskaya Ekspeditsiya. Trudy (USSR) v43 p58-91 1965.

TT-66-32363 Field 8F

Hu Hsu-Wei; Kuo Ching-Hui; Tsao En Chueh; Chao Chao-Ping; Chen Ming-Jung.
ACTA GEOGRAPHICA SINICA, VOL. 31, NO. 3: SELECTED ARTICLES. 9 Jun 66, 114p. JPRS-35929.
Order from CFSTI or ETC: HC$4.00, MF$0.75 as TT-66-32363

Trans. of Li Hsueh Pao (Chinese People's Republic) v31 n3 p179-91, 212-24, 226-36, 254-68 1965.

G. Geology and mineralogy

TT-65-50091 Field 8G

Marfunin, A. M.
THE FELDSPARS: PHASE RELATIONS, OPTICAL PROPERTIES, AND GEOLOGICAL DISTRIBUTION (Polevye Shapty: Fazovye Vzaimootnoshenlya, Opticheskie Svoistva, Geologicheskoe Raspredelenie). Tr. by J. Kolodny. 1966, 328p, refs. SFCSI-Int(TT-65-50091).
Order from CFSTI: $7.00 as TT-65-50091

Trans. of Akademiya Nauk SSSR, Institut Geologii Rudnykh Mestorozhdenii, Petrografii, Mineralogii i Geokhimii. Trudy, n78 273p 1962.

TT-65-50093/1-3 Field 8G

BULLETIN OF THE MOSCOW SOCIETY FOR NATURAL RESEARCH, VOL. 63: GEOLOGICAL SECTION, VOL. 33 NOS. 1/3 1958. Tr. by Z. Garfunkel. 1966, 558p, refs. SFCSI-Int(TT-65-50093/1-3).
Order from CFSTI: $8.60 as TT-65-50093/1-3

Trans. of Moskovskoe Obshchestvo Ispytatelei Prirody. Byulleten Otdel Geologicheskii (USSR) v33 n1; n2; n3 1958.

TT-65-50320 Field 8G, 8D, 2C, 8M

Pondel, H.
PHYSICO-CHEMICAL AND CHEMICAL PROPERTIES OF BROWN AND PODZOLIC SOILS DEVELOPED FROM BOULDER LOAM OF THE KASZUBY LAKELAND (Fizyko-Chemiczne i Bielicowych, Wytworzonych z Gliny Zwalowej Pojezierza Kaszubskiego). Tr. by Maria Hoser. 1966, 43p, 53refs. SFCSI-Agr(TT-65-50320).
Order from CFSTI: $2.00 as TT-65-50320

Trans. of Instytut Uprawy, Nawozenia i Gleboznawstwa, Warsaw. Pamietnik Pulawski (Poland) n9 p53-97 1963.

TT-66-32078 Field 8G

GEOLOGICAL REVIEW, VOL. 18, NO. 1, 1958: SELECTED ARTICLES. 23 May 66, 58p, 8refs. JPRS-35643.
Order from CFSTI or ETC: HC$3.00, MF$0.50 as TT-66-32078

Trans. of Ti Chih Lun P'ing (Chinese People's Republic) v18 n1 p11-24, 75-86 1958.

TT-66-32585 Field 8G

GEOLOGICAL REVIEW, VOL. 18, NO. 4, 1958. 23 Jun 66, 136p, 82refs. JPRS-36151.
Order from CFSTI or ETC: HC$4.00, MF$1.00 as TT-66-32585

Trans. of Ti Chih Lun P'ing (Chinese People's Republic) v18 n4 p251-68, 290-332 1958.

TT-66-32586 Field 8G

GEOLOGICAL REVIEW, VOL. 19, NO. 1, 1959. 23 Jun 66, 116p, 42refs. JPRS-36152.
Order from CFSTI or ETC: HC$4.00, MF$0.75 as TT-66-32586

Trans. of Ti Chih Lun P'ing (Chinese People's Republic) v19 n1 p1-33, 37-40 1959.

TT-66-32671 Field 8G, 8I, 11F, 13H

EAST EUROPEAN MATERIALS INDUSTRIES: TRANSLATIONS NO. 296. 29 Jun 66, 66p. JPRS-36238.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-66-32671

TT-66-32752 Field 8G

GEOLOGICAL REVIEW, VOL. 18, NO. 2, 1958. 6 Jul 66, 185p, 90refs. JPRS-36320.
Order from CFSTI or ETC: HC$5.00, MF$1.00 as TT-66-32752

Trans. of Ti Chih Lun P'ing (Chinese People's Republic) v18 n2 p87-128, 138-69 1958.

TT-66-51045 Field 8G, 20M, 8M, 8D

Chudnovskii, A. F.
THERMOPHYSICAL CHARACTERISTICS OF SOILS, GROUNDS, ROCKS, AND ORES: CHAP. XVI (Teplofizicheskie Kharakeristiki Pochv, Gruntov, Gornykh i

Shakhtnykh Porod). 1966, 29p. SFCSI-Int(TT-66-51045).
Order from CFSTI: $2.00 as TT-66-51045

Trans. of mono. Teplovizicheskie Kharakteristiki Dispersnykh Materialov, Moscow, 1962 p410-42.

TT-66-61644 Field 8G, 8E

Kropotkin, P. N. ed.
ISOSTASY. 1964, 95p, 12refs. ACIC-TC-961; AD-634 933.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as AD-634 933

Trans. of mono. Izostaziya, n.p. 1964, 70p.
Doklady Sovetskikh Geologov International Geological Congress (no. 22).

TT-66-61766 Field 8G

Sung Chung-ho; T'an Ch'eng-yeh
USE GROUP VELOCITY OF RAYLEIGH AND LOVE SURFACE WAVES TO DETERMINE THE CRUSTAL THICKNESS IN CHINA (Yung Jui Lei Ho Fu Mien Po Ch'un Su Tu Ch'ueh Ting Wo Kuo Ti K'o Hou Tu).
1966, 23p, 18refs. ACIC-TC-993; AD-635 370.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-635 370

Trans. of Ti Ch'iu Wu Li Hsueh Pao (Chinese People's Rebublic) v24 n1 p33-44 1965.

TT-66-61767 Field 8G

Wang Ts'un-Ch'eng.
ON THE WET-HO GRABEN (Lun Wei, Ho Ti Ch'ien).
May 65, 31p, 23refs. ACIC-TC-1029; AD-635 371.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as AD-635 371.

Trans. of Ti Chih Hsueh Pao (Chinese People's Republic) v45 n2 p153-64 1965.

TT-66-61768 Field 8G

Neprochnov, Yu. P.
ABYSSAL STRUCTURE OF THE EARTH'S CRUST ACCORDING TO SEISMIC DATA UNDER THE BLACK SEA TOWARDS THE SOUTHWEST OF CRIMEA (Glubinnoe Stroenie Zemnoi Kory pod Chernym Morem k Yugo-Zapadu ot Kryma po Seismicheskim Daynnym).
Tr. by Walter L. Burton. Jun 66, 10p, 12refs.
ACIC-TC-1042; AD-635 372.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-635 372

Trans. of Akademiya Nauk SSSR. Doklady, v125 n5 p1119-22 1959.

H. Hydrology and limnology

TT-65-33160 Field 8H, 13M, 2C

WATER RESOURCES OF CHINA. Plans and Prospects for Development. 2 Nov 65, 301p. JPRS-32681.
Order from CFSTI or ETC: HC$7.00, MF$1.50
as TT-65-33160

Trans. of Ajia no Yume (Japan) n2 120p 1964.

TT-65-33886 Field 8H, 2B, 4B

COMMUNIST CHINA'S SCIENCE AND TECHNOLOGY: TRANSLATIONS NO. 260. 14 Dec 65, 124p, 44refs. JPRS-33311.
Order from CFSTI or ETC: HC$4.00, MF$0.75
as TT-65-33886

Trans. of Ti Li Hsueh Pao (Chinese People's Republic) v30 n3 p214-30, 234-46, 248-71 1964.

TT-65-50401/4 Field 8H, 13B, 2C, 13F, 20K

JAROSLAV CERNI INSTITUTE FOR DEVELOPMENT OF WATER RESOURCES: TRANSACTIONS (SAOPSTENJA), VOL. 12, NO. 35, 1965. Tr. by Vladimir Skerl and John Ricklefs. 1965, 41p, 21refs. SFCSI-Int(TT-65-50401/4).
Order from CFSTI: $2.00 as TT-65-50401/4

Trans. of Institut za Vodoprivredu 'Jaroslav Cerni'. Saopstenja (Yugoslavia) v12 n35 36p 1965.

I. Mining engineering

TT-65-50402-3/4 Field 8I, 13H, 11F

MINING AND METALLURGY QUARTERLY, NO. 3-4, 1965. 1966, 123p, refs. SFCSI-Int(TT-65-50402-3/4).
Order from CFSTI: $4.00 as TT-66-50402-3/4

Trans. of Rudarsko-Metalurski Zbornik (Yugoslavia) n3-4 p305-413 1965.

TT-66-32965 Field 8I

DRILLING SUPER-DEEP WELLS IN THE UPPER MANTLE OF THE EARTH. 18 Jul 66, 52p. JPRS-36533.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-32965

Trans. of mono. O Burenii Sverkhglubokikh Skvazhin na Verkhnyuyu Mantiyu Zemli, n.p. n.d. 42p.

TT-66-51070 Field 8I, 5I, 13I

Zagorskii, F. N.
L. F. SABAKIN. A RUSSIAN MECHANIC OF THE 18TH CENTURY: HIS LIFE AND WORK. 1966, 68p, 62refs.
SFCSI-Smi(TT-66-51070).
Order from CFSTI : $3.00 as TT-66-51070

Trans. of mono. L. F. Sabakin Mekhanik XVIII Veka. Ocherk Zhizni i Deyatelnosti, Moscow/Leningrad, 1963.

J. Physical oceanography

TT-66-61655 Field 8J, 8G

Udintsev, G. B.; Neprochnov, Yu. P.; Kovylin, V. M.
THE THICKNESS OF THE SEDIMENT LAYER AND THE STRUCTURE OF THE EARTH'S CRUST IN SEAS AND OCEANS ACCORDING TO THE RESULTS OF SEISMO-ACOUSTIC INVESTIGATIONS (Moshchnost Osadochnogo Pokrova i Stroenie Zemnoi Kory v Moryakh i Okeanakh po Rezultatam Seismoakusticheskikh Issledovanii).
Tr. by M. Slessers. 1966, 14p, 18refs. NOO-Trans-301; AD-635 063.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-635 063
Trans. of Okeanologicheskie Issledovaniya (USSR) n13 p181-8 1965.

TT-66-61658 Field 8J, 8G

Lisitsyn, A. P.; Udintsev, G. B.
STATE AND PROBLEMS OF WORLD OCEAN GEOLOGY.

Jul 63, 14p. Trans-1091; AD-635 076.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-635 076

Trans. of Akademiya Nauk SSSR. Vestnik, n7 p21-32 1963.

K. Seismology

TT-66-30633 Field 8K, 8C, 8J

Starshinova, E. A.
RECENT STUDIES IN MARINE GEOPHYSICS. 17 Feb 66, 58p, 33refs. JPRS-34192.
Order from CFSTI or ETC: HC$3.00, MF$0.50
as TT-66-30633

Trans. of mono. Voprosy Metodiki Glubinnogo Seysmicheskogo Zondirovaniya, Moscow, 1965 p141-74. Problems of the Method of Deep Seismic Sounding.

TT-66-32845 Field 8K, 17J

Galperin, E. I.
STUDY OF MULTIPLY REFLICTED WAVES DURING VERTICAL SEISMIC PROFILING. 11 Jul 66, 25p, 18refs. JPRS-36413.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32845

Trans. of Akademiya Nauk SSSR. Izvestiya. Fizika Zemli, n12 p1-20 1965.

TT-66-32846 Field 8K

Galperin, E. I.
STUDY OF SEISMIC WAVES IN REAL MEDIA. 11 Jul 66, 10p. JPRS-36414.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32846

Trans. of Akademiya Nauk SSSR. Vestnik, v36 n1 p55-60 1966.

TT-66-60542 Field 8K

Melchior, P.; Verbaandert, J.
THE UNDERGROUND GEOPHYSICAL STATIONS AND THE HORIZONTAL PENDULUMS OF THE OBSERVATOIRE ROYAL DE BELGIQUE. Dec 65, 167p.
NASA-TT-F-8782; N66-13477.
Order from CFSTI, SLA, or ETC: HC$5.00, MF$1.00
as N66-13477

Trans. of Observatoire Royal de Belgique, Brussels. Monographies, n7 1961.

L. Snow, ice and permafrost

TT-65-31065 Field 8L, 4A, 8J, 8F, 8B

Davitaya, F. F.; Chaplygina, A. S.; Zhivago, A. V. Vinogradov, O. N.; Braslavskaya.
STUDIES IN GLACIER RECESSION, EARTH ATMOSPHERE CIRCULATION, AND INDIAN OCEAN MAPPING.
24 May 66, 48p, 31refs. JPRS-30216.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-65-31065

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Geograficheskaya, n2 p3-33, 158-62 1965.

TT-66-51096 Field 8L

Zamorskii, A. D.
STABILITY OF RIME FORMS (Ustoichivost Formy Izmorozi). 1966, 3p. SFCSI-Agr(TT-66-51096).
Order from CFSTI: HC$1.00 as TT-66-51096

Trans. of Priroda (USSR) v47 n4 p113-4 1958.

M. Soil mechanics

TT-65-50318 Field 8M

Kowalkowski, A.
PROJECT OF NOMENCLATURE OF SOIL HORIZONS (Projekt Nomenklatury Poziomow Glebowych).
Tr. by E. Strassburger. 1966, 23p, 53refs.
SFCSI-Agr(TT-65-50318).
Order from CFSTI: $1.00 as TT-65-50318

Trans. of Roczniki Gleboznawcze (Poland) v9 n1 p67-8 1960.

TT-65-50322 Field 8M

Siuta, J.; Terelak, H.
THE PHENOMENA OF GAS-MADE DEFORMATIONS IN CERTAIN LOESS SOILS OF THE ANTOPOL AREA (Zjawiska Deformacji Pogazowych w Niektorych Glebach Lessowych Antopola). Tr. by Maria Hoser. 1966, 14p, 15refs. SFCSI-Agr(TT-65-50322).
Order from CFSTI: $1.00 as TT-65-50322

Trans. of Instytut Uprawy, Nawozenia i Gleboznawstwa, Warsaw. Pamietnik Pulawski (Poland) n9 p293-305 1963.

TT-66-51087 Field 8M, 2F

Zemlyanitskii, L. T.
EFFECT OF FOREST BELTS ON THE FERTILITY OF SOLONETS-LIKE CHESTNUT SOILS (Vliyanie Lesnykh Polos na Povyshenie Plodorodiya Solontsevatykh Kashtanovykh Pochv). 1966, 7p, 3refs.
SFCSI-Agr(TT-66-51087).
Order from CFSTI: HC$1.00 as TT-66-51087

Trans. of Vestnik Selskokhozyaistvennoi Nauki (USSR) v4 n12 p65-70 1959.

09 ELECTRONICS AND ELECTRICAL ENGINEERING

A. Components

TT-66-31040 Field 9A

Kalkov, V. S.
ON THE RELIABILITY OF LOW-POWER LOW-FREQUENCY TRANSISTORS TYPES P13 THROUGH P16.
17 Mar 66, 15p, 3refs. JPRS-34601.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-31040

Trans. of Vsesoyuznyi Nauchno-Issledovatelskii Institut Zheleznodorozhnogo Transporta. Vestnik (USSR) v24 n5 p45-9 1965.

TT-66-61044 Field 9A, 13A

Garachuk, V. K.; Nayer, V. S.
SEMICONDUCTOR THERMOELECTRIC TRANSISTOR

COOLERS. 24 Feb 66, 11p. RSIC-523; AD-631 224.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-631 224

Trans. of Priborostroenie (USSR) v1 n8 p176-81 1965.

B. Computers

TT-64-31641 Field 9B

Drobyshev, G. F.; Rakitin, V. V.
APPLICATION OF TUNNEL DIODES IN HIGH-SPEED COMPUTERS. 7 Jul 64, 28p, 8refs. JPRS-25368.
Order from CFSTI or ETC: HC$0.75, MF$0.50
as TT-64-31641

Trans. of mono. Elektronnye Vychislitelnye Mashiny, Moscow, 1963, 41p.

TT-66-32688 Field 9B, 4B, 8H

Rozhkov, V. A.; Vasilev, V. N.
THE APPLICATION OF A DIGITAL COMPUTER FOR APPROXIMATION OF DISCRETE FIELDS. 29 Jun 66, 17p, 16refs. JPRS-36255.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32688

Trans. of Gosudarstvennyi Okeanograficheskii Institut. Trudy (USSR) v86 p112-23 1965.

TT-66-32751 Field 9B, 5B

Pechenkin, G. A.
ELECTRONIC CALCULATOR EV80-3M. 6 Jul 66, 7p. JPRS-36319.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32751

Trans. of mono. Vychislitelnaya Tekhinika na Zheleznodorozhnom Transporte, Moscow, 1965 p95-9, 108-9, 115-6.

TT-66-61263 Field 9B

Latysheva, T. S.
TWO-ADDRESS COMPUTERS: PROGRAMMING AND PROBLEM SOLUTION. 17 Feb 66, 206p.
FTD-TT-65-402; AD-633 029.
Order from CFSTI or ETC: HC$6.00, MF$1.25
as AD-633 029

Unedited rough draft trans. of mono. Programmirovanie i Reshenie Zadach na Dvukhadresnykh Mashinakh, Moscow, 1963 184p.

TT-66-61394 Field 9B, 6D

Glushkov, V. M.
INTRODUCTION TO CYBERNETICS. 17 Feb 66, 475p.
FTD-TT-65-942; AD-633 642.
Order from CFSTI or ETC: HC$7.75, MF$2.00
as AD-633 642

Unedited rough draft trans. of mono. Vvedenie v Kibernetiku, Kiev, 1964 324p.

C. Electronic and electrical engineering

TT-65-31759 Field 9C, 17B

Wojnar, A.
PERSPECTIVE DEVELOPMENT OF SCIENTIFIC RESEARCH IN RADIO-ELECTRONICS IN POLAND.
27 Jul 65, 10p. JPRS-31262.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-31759

Trans. of Przeglad Telekomunikacyjny (Poland) v37 n4 p97-100 Apr 1965.

TT-66-32376 Field 9C, 17B

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING NO. 25. Radio. 10 Jun 66, 23p. JPRS-35942.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32376

Trans. abstract of Wu Hsien Tien (Chinese People's Republic) n3 p1-32ff 1966.

TT-66-32479 Field 9C, 20L, 17I

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING NO. 26. Radio Technology. 17 Jun 66, 19p. JPRS-36045.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32479

TT-66-32674 Field 9C

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING NO. 28. 29 Jun 66, 18p. JPRS-36241.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32674

TT-66-60353 Field 9C, 14B

Lodochnikov, E. A.; Tsyrlin, L. A.; Shirokov, Yu. P.; Surin, N. V.; Donskoi, A. V.
NEW SERIES OF D C MICROMOTORS. SEMICONDUCTOR WATTMETER FOR HIGH-FREQUENCY UNITS.
Dec 65, 15p, 2refs. FSTC-381-T65-662; AD-627 013.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-627 013

Trans. of Elektrotekhnika (USSR) v35 n7 p40-2, 44-6.

TT-66-61129 Field 9C, 12B

RECORDS OF AUTOMATION AND TELEMECHANICS, VOL. 9, NO. 12 1964 (SELECTED ARTICLES).
15 Mar 66, 41p, 8refs. FTD-TT-65-902; AD-631 836.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as AD-631 836

Edited trans. of Archiwum Automatyki i Telemechaniki (Poland) v9 n12 p133-48, 167-77 1964.

E. Subsystems

TT-66-51032 Field 9E, 9B, 13H, 12B

Kravchenko, L. D.
TRANSFLUXORS AND THEIR APPLICATION IN AUTOMATION AND REMOTE CONTROL. Tr. by P. Botiansky. 1966, 59p, 8refs. SFCSI-NASA(TT-66-51032); NASA-TT-F-347.
Order from CFSTI: $3.00 as NASA-TT-F-347

Trans. of mono. Transflyuksory v Ustroistvakh Teleupravleniya, 2nd ed., Kiev, 1964.

TT-66-60729 Field 9E, 9C

Zelkin, E. G.
SYNTHESIS OF FLAT-APERTURE ANTENNAS. 1 Feb 66, 10p, 3refs. FTD-TT-65-1601; AD-629 442.
Order from CFSTI or ETC: HC$1.10, MF$0.50 as AD-629 442

Unedited rough draft trans. of mono. Vsesoyuznyi Simpozium po Difraktsii Voln (no. 3) 24-30 Sep 64, Tbilisi, 1964 p137-41.

F. Telemetry

TT-66-61130 Field 9F, 3E, 8B

Delong, B.
ON THE QUESTION OF THE APPLICATION OF RADIOTELEMETERING DEVICES FOR THE DETERMINATION OF THE GEODETIC FIXED POINT. 23 Mar 66, 18p, 2refs. FTD-TT-65-1434; AD-631 837.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-631 837

Unedited rough draft trans. of Studia Geophysica et Geodaetica (Czechoslovakia) v8 n3 p239-46 1964.

10 ENERGY CONVERSION (NON-PROPULSIVE)

TT-66-32707 Field 10-, 9C

USSR ELECTRIC POWER: TRANSLATIONS NO. 99. 30 Jun 66, 15p. JPRS-36274.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32707

A. Conversion techniques

TT-66-32516 Field 10A, 7A, 13I

EAST EUROPEAN HEAVY INDUSTRY: TRANSLATIONS NO. 276. 20 Jun 66, 48p, refs. JPRS-36082.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-32516

TT-66-32544 Field 10A, 9C

USSR ELECTRIC POWER: TRANSLATIONS NO. 98. 21 Jun 66, 16p. JPRS-36110.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32544

B. Power sources

TT-66-60736 Field 10B, 9C

Randjelovic, J. V.
ELECTROMAGNETIC AND ELECTROSTATIC GENERATORS: ANNOTATED BIBLIOGRAPHY. 15 Nov 65, 33p, 133refs. ATD-65-103; AD-629 476.
Order from CFSTI, or ETC: HC$2.00, MF$0.50 as AD-629 476

Surveys of Soviet Scientific and Technical Literature.

TT-66-61444 Field 10B

Randjelovic, J. V.
ELECTROSTATIC AND ELECTROMAGNETIC GENERATORS: ANNOTATED BIBLIOGRAPHY. 14 Jan 66, 23p, 72refs. ATD-66-10; AD-633 963.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-633 963

Based on Soviet open sources pub. 1961-64. Rept. on Surveys of Soviet Scientific and Technical Literature.

11 MATERIALS

B. Ceramics, refractories and glasses

TT-66-32799 Field 11B

Kutateladze, K. S.; Zedginidze, E. N.; Karumidze, R. A.
NITRIDE REFRACTORIES PRODUCED BY THE ALUMONITROSILICOTHERMAL METHOD. 8 Jul 66, 15p, 11refs. JPRS-36367.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32799

Trans. of Ogneupory (USSR) v30 n12 p8-13 1965. For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-60808 Field 11B, 11I, 7D

Fukawa, K.
VARIATION WITH TEMPERATURE OF THE INFRARED SPECTRUM POLYVINYL CHLORIDE. PT. II: BEHAVIOR IN THE REGION OF THE GLASS TRANSITION TEMPERATURE. Aug 66, 22p, refs. N-66-15637; RAE-Lib-Trans-1127.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as N66-15637

Trans. of Kogyo Kagaku Zasshi (Japan) v66 n11 p1605-9 1963.

TT-66-61225 Field 11B, 11I

Kovacs, A. J.
GLASS TRANSITION IN AMORPHOUS POLYMERS. A PHENOMENOLOGICAL STUDY. Oct 65, 168p, refs. N66-18127; RAE-Lib-Trans-1138.
Order from CFSTI or ETC: HC$5.00, MF$1.00 as N66-18127

Trans. of Fortschritte der Hochpolymeren-Forschung (Germany) v3 n3 p394-507 1963.

C. Coatings, colorants and finishes

TT-66-60350 Field 11C, 11F, 13H

Shchetnikov, E. N.; Belyaeva, G. I.
ELECTROLYTIC SILICONIZING OF MOLYBDENUM FROM FUSED SALTS. 13 Jan 66, 13p, 11refs.
FTD-TT-65-1454; AD-627 006.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-627 006

Unedited rough draft trans. of Zhurnal Prikladnoi Khimii (USSR) v38 n1 p197-201 1965.

TT-66-61133 Field 11C, 11F

Cermakova, D.; Nemcova, J.; Dohnalova, J.
ORGANIC CHROMES AS CORROSION INHIBITORS IN BASIC PAINTS. 30 Mar 66, 11p, 3refs.
FTD-TT-65-1425; AD-631 852.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-631 852

Unedited rough draft trans. of Korose a Ochrana Materialu (Czechoslovakia) n1 3p 1963.

E. Fibers and textiles

TT-66-32439 Field 11E, 5C

EAST EUROPEAN SERVICE INDUSTRIES: TRANSLATIONS NO. 447. 14 Jun 66, 44p. JPRS-36005.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32439

TT-66-61552 Field 11E

Pashkevichyus, V. V.
THE EFFECT OF THERMAL SETTING ON THE PROPERTIES OF WOOL. Tr. by R. J. Zatorski. 1966, 8p (foreign text included). CSIRO-Trans-7684.
Order from CFSTI, SLA, or ETC: HC$1.10, MF$0.50
as TT-66-61552

Trans. of Tekstilnaya Promyshlennost (USSR) v25 n5 p79-81 1965.

TT-66-61554 Field 11E

Dikhanova, A.
FABRICS CONTAINING RE-USED WOOL (Tkani s Soderzhaniem Vosstanovlennoi Shersti). Tr. by B. Ribush. 1966, 8p (foreign text included) 8refs. CSIRO-Trans-7601.
Order from CFSTI, SLA, or ETC: HC$1.10, MF$0.50
as TT-66-61554

Trans. of Tekstilnaya Promyshlennost (USSR) v25 n3 p12-4 1965.

TT-66-61555 Field 11E

Avaev, S.
ECONOMICS OF HIGH-FREQUENCY DRYING OF FLAX YARN (Ekonomichnost Vysokochastotnoi Sushki Lnyanoi Prayzhi). Tr. by B. Ribush. 1966, 6p (foreign text included). CSIRO-Trans-7585.
Order from CFSTI, SLA, or ETC: HC$1.10 , MF$0.50
as TT-66-61555

Trans. of Tekstilnaya Promyshlennost (USSR) v9 n3 p27-8 1949.

F. Metallurgy and metallography

TT-65-30765 Field 11F

SOVIET TITANIUM ALLOYS. 19 Apr 65, 56p.
JPRS-29652; N65-(23375-23382).
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-65-30765

TT-65-30905 Field 11F

LIQUID METALS IN METALLURGY. 4 May 65, 34p, 34refs. JPRS-29916.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-65-30905

Trans. of mono. Zhidkie Metally: Sbornik Statei, Moscow, 1963 p292-306, 313-25.

TT-65-31589 Field 11F

TITANIUM AND ITS ALLOYS. 15 Jul 65, 39p, 20refs.
JPRS-31091.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-65-31589
Trans. of Metallovedenie i Termicheskaya Obrabotka Metallov (USSR) n5 p15-21, 33-5, 45-50, 53-63 1965.

TT-65-32563 Field 11F

HANDBOOK OF SOVIET STEELS AND ALLOYS.
20 Sep 65, 63p. JPRS-32070.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-32563

TT-66-31146 Field 11F

USSR INDUSTRIAL DEVELOPMENT: SOVIET NONFERROUS METALLURGY NO. 143. 24 Mar 66, 27p.
JPRS-34707.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-31146

TT-66-32449 Field 11F

USSR INDUSTRIAL DEVELOPMENT: SOVIET NONFERROUS METALLURGY NO. 147. 15 Jun 66, 24p. JPRS-36015.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32449

TT-66-32451 Field 11F, 13H

USSR SCIENTIFIC ABSTRACTS: METALS AND METALLURGY NO. 30. 15 Jun 66, 122p. JPRS-36017.
Order from CFSTI or ETC: HC$4.00, MF$0.75
as TT-66-32451

TT-66-32577 Field 11F

USSR INDUSTRIAL DEVELOPMENT: SOVIET FERROUS METALLURGY NO. 344. 23 Jun 66, 10p. JPRS-36143.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32577

TT-66-32588 Field 11F

USSR INDUSTRIAL DEVELOPMENT: SOVIET NONFERROUS METALLURGY NO. 148. 23 Jun 66, 17p. JPRS-36154.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32588

TT-66-32595 Field 11F, 20B

Rozhanskii, V. N.; Izotov, V. L.; Sivkov, N. L.; Yakovlev, Yu. M.; Kiselev, M. R.
ELECTRON MICROSCOPY OF METALLURGICAL STUDIES. 23 Jun 66, 70p, refs. JPRS-36161.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-32595

Trans. of Zavodskaya Laboratoriya (USSR) v32 n2 p170-90, 196-202, 212-3, 251-3 1966.

TT-66-32675 Field 11F

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: METALS AND METALLURGY NO. 10. 29 Jun 66, 18p. JPRS-36242.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32675

TT-66-32692 Field 11F, 13H

USSR INDUSTRIAL DEVELOPMENT: SOVIET NONFERROUS METALLURGY NO. 149. 29 Jun 66, 36p. JPRS-36259.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32692

TT-66-32847 Field 11F

Fridlyander, I. N.; Yatsenko, K. P.; Semenova, Z. G.; Nekrasova, G. A.
ALUMINUM-BERYLLIUM BASE ALLOYS. 11 Jul 66, 7p, 3refs. JPRS-36415.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32847

Trans. of Metallovedenie i Termicheskaya Obrabotka Metallov (USSR) n3 p2-5 1965.

TT-66-60259 Field 11F, 13H, 7D

Solovev, N. A.
ELECTROLYTIC DESPOSITION OF Pb-Sm-Zm ALLOY. 1 Dec 65, 13p, 2refs.
Order from CFSTI, SLA, or ETC: HC$1.60, MF$0.50
as TT-66-60259

Trans. of Zhurnal Prikladnoi Khimii (USSR) v27 n12 p1263-8 1954.

TT-66-60370 Field 11F, 13H

ELECTROSIAG REMELTING DESERVES CONSTANT ATTENTION. 4 Jan 66, 7p. FTD-TT-65-1464; AD-627 111.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-627 111

Unedited rough draft trans. of Metallurg (USSR) v9 n8 p21 1964.

TT-66-61132 Field 11F, 11I, 20F

REPORTS OF THE ACADEMY OF SCIENCES OF THE UKRAINIAN SSR, NO. 8 1964 (SELECTED ARTICLES). 15 Mar 66, 23p, 17refs. FTD-TT-65-1038; AD-631 851.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-631 851

Edited trans. of Akademiya Nauk URSR, Kiev. Dopovidi, n8 p1035-7, 1038-42, 1043-6.

TT-66-61207 Field 11F, 14B

Shel, M. M.
MEASURING STRESSES IN METALS BY THE EDDY-CURRENT METHOD. 29 Apr 66, 12p, 5refs. FTD-TT-65-1892; AD-632 314.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-632 314

Unedited rough draft trans. of Khimicheskoe i Neftyanoe Mashinostroenie (USSR) n4 p35-7 1964.

TT-66-61687 Field 11F

Vetyukov, M.M.; Baimakov, Yu. V.
ELECTROMETALLURGY OF NONFERROUS METALS: SELECTED ARTICLES. 14 Jan 66, 43p, 59refs. FTD-MT-65-193; AD-635 276.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as AD-635 276

Edited machine trans. of Politekhnicheskii Institut, Leningrad. Trudy (USSR) n239 p39-56, 70-81 1964.

TT-66-61688 Field 11F

Semenov, A. P.
INFLUENCE OF ALLOYING OF COPPER ON SEIZING IN CAPABILITY TEMPERATURES RANGE 23-450. 12 Jan 66, 26p, 14refs. FTD-MT-65-28; AD-635 278.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as AD-635 278

Edited machine trans. of Akademiya Nauk SSSR, Institut Mashinovedeniya Trenie i Iznos v Mashinakh. Sbornik, n15 p227-53 1962.

H. Oils, lubricants, and hydraulic fluids

TT-65-62983 Field 11H, 21D

Krein, S. E., ed.; Sanin, P. I., ed.; Monastyrskii, V. N., ed.; Eminov, E. A., ed.
ADDITIVES TO OILS AND FUELS (COLLECTION OF ARTICLES). 6 Apr 65, 672p. FTD-MT-64-213; AD-619 383.
Available on loan from CFSTI as TT-65-62983

Edited machine trans. of mono. Prisadki k Maslam i Toplivam, Moscow, 1961 395p.
Another trans. of p269-72 is available from CFSTI $0.50 as TT-63-11621, FTD-TT-62-1324, 10p.

TT-66-60721 Field 11H

Fialko, N. M.; Dintses, A. I.
MOLTEN METALS AS HIGH-TEMPERATURE LUBRICANTS. 20 Jan 66, 11p, 15refs.
FTD-TT-65-1447; AD-629 415.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-629 415

Unedited rough draft trans. of Khimiya i Tekhnologiya Topliv i Masel (USSR) v9 n3 p54-8 1964.

TT-66-61091 Field 11H

Makeeva, E. D.; Kumleva, L. A.
THE CHANGE OF PROPERTIES OF DISPERSION MEDIA OF PLASTIC LUBRICANTS UNDER THE EFFECT OF RADIOACTIVE RADIATION. 23 Mar 66, 9p, 7refs.
FTD-TT-65-1731; AD-631 448.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-631 448

Unedited rough draft trans. of Khimiya i Tekhnologiya Topliv i Masel (USSR) n9 p38-40 1964.

TT-66-61131 Field 11H, 21D, 14B

Klimov, K. I.; Vilenkin, A. V.; Kichkin, G. I.
NEW METHOD OF EVALUATING THE EFFECTIVENESS OF ACTION OF ANTI-SCORING ADMIXTURES TO OILS AND FUELS. 23 Mar 66, 15p, 10refs. FTD-TT-65-1491; AD-631 838.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-631 838

Unedited rough draft trans. of Vsesoyuznoe Nauchno-Tekhnicheskoe Soveshchanie po Prisadkam k Maslam i Toplivam, 1960. Trudy, (USSR) 1961 p273-8.

TT-66-61415 Field 11H, 14B

Dudin, V. F.; Shaulov, Zh. I.; Khadzhiev, S. N.
POSSIBILITY OF THE INVESTIGATION OF THE KINETICS OF OIL SOLIDIFICATION BY THE ULTRASONIC METHOD. 21 Jan 66, 12p, 12refs.
FTD-TT-65-1484; AD-633 714
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-633 714

Unedited rough draft trans. of Khimiya i Tekhnologiya Topliv i Masel (USSR) n8 p58-60 1964.

I. Plastics

TT-65-64442 Field 11I, 14B

Persoz, B.; Grenier, G.
DETERMINATION OF THE GLASS TRANSITION TEMPERATURE OF A PLASTIC MATERIAL FROM THE VARIATIONS IN ITS PENDULAR HARDNESS (Determination de la Temperature de Transition Vitreuse d'une Matiere Plastique, par les Variations de sa Durete Pendulaire). 1965, 12p, 13refs.
NASA-TT-F-365; N65-33065.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as N65-33065

Trans. of la Recherche Aerospatiale (France) n99 p11-6 1965.

TT-66-20825 Field 11I, 7C

Archipov, M. I.; Valgin, A. D.
SPEKTROPHOTOMETRISCHE UNTERSUCHUNGEN VON ALKYLPHENOLFORMALDEHYDHARZEN.
Order from ETC as DAW/WRZ

Trans. in German of Lakokrasochnye Materialy i Ikh Primenenie (USSR) n2 p59-62 1961.

J. Rubbers

TT-66-60349 Field 11J

Novikov, A. S.; Galil-Ogly, F. A.
STUDYING VULCANIZATION OF FLUORO-COPOLYMERS WITH POLYAMINES BY INFRARED SPECTROSCOPY METHOD. 21 Dec 65, 14p, 14refs.
FTD-TT-65-1371; AD-627 005.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-627 005

Unedited rough draft trans. of Vysokomolekulyarnye Soedineniya (USSR) v4 n12 p1799-1804 1962.

L. Wood and paper products

TT-66-51095 Field 11L, 11C

Ugolev, B. N.
THERMORESISTANT ELASTIC MOISTURE PROOF COATING FOR LUMBER (Termostoikoe Elastichnoe Vlagoizolyatsionnoe Pokrytie dlya Drevesiny). 1966, 5p, 4refs. SFCSI-Agr(TT-66-51095).
Order from CFSTI: HC$1.00, as TT-66-51095

Trans. of Derevoobrabtyvayushchaya Promyshlennost (USSR) v9 n10 p9-10 1960.

12 MATHEMATICAL SCIENCES

A. Mathematics and statistics

TT-66-60660 Field 12A

Pincherle, S.
HYPERGEOMETRIC FUNCTIONS AND VARIOUS RELATED PROBLEMS. Dec 65, 101p, refs. NASA-TT-F-9700; N66-14059.
Order from CFSTI or ETC: HC$4.00, MF$0.75
as N66-14059

Trans. of Giornale di Mathematiche (Italy) v32 p209-91 1894.

13 MECHANICAL, INDUSTRIAL, CIVIL, AND MARINE ENGINEERING

A. Air conditioning, heating, lighting and ventilating

TT-66-30502 Field 13A

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: ENGINEERING AND EQUIPMENT NO. 12. Chinese Journal of Mechanical Engineering. 8 Feb 66, 7p.
JPRS-34060.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-30502

TT-66-61089 Field 13A

Kravchuk, E. M.; Salivon, N. I.
AUTOMATIC DEVICE FOR TEMPERATURE CONTROL. 23 Mar 66, 7p, 3refs. FTD-TT-65-1670; AD-631 436.
Order from CFSTI or ETC: HC$1.10, MF$0.50

as AD-631 436

Unedited rough draft trans. of Inzhenerno-Fizicheskii Zhurnal (USSR) v7 n2 p43-4 1964.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

B. Civil engineering

TT-64-51899 Field 13B, 8H

Nissim, A.; Stanculescu, M.
PROGRESS IN RUMANIA IN THE FIELD OF WATER MANAGEMENT. 9 Dec 64, 13p. JPRS-27763.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-64-51899

Trans. of Meteorologia Hidrologia si Gospodarirea Apelor (Rumania) v9 n8 p377-82 1964.

TT-65-23240 Field 13B, 6C

Kondratev, G. P.
SOME FILTRATION CHARACTERISTICS OF FRESH-WATER MOLLUSCS (O Nekotorykh Osobennstyakh Filtratsii u Presnovodnykh Mollyuskov). 8p. CSIR-495.
Order from CSIR as CSIR-495

Trans. of Nauchnye Doklady Vysshei Shkoly. Biologicheskie Nauki (USSR) n1 p13-6 1963.

TT-65-64367 Field 13B, 8B, 14E

Polyakov, P. L.; Taranovskaya, M. Z.
THE STEREO-PHOTOGRAMMETRIC METHOD OF MEASURING DEFORMATION ON LARGE BUILDINGS (Stereofotogrammetricheskii Metod Izmereniya Deformatsii Prostranstvennykh Konstruktsii). Tr. by D. R. Gray. May 65, 6p. LC-1286.
Order from CFSTI, SLA, or ETC: HC$1.10, MF$0.50
as TT-65-64367

Trans. of Stroitelnaya Mekhanika i Raschet Sooruzhenii (USSR) v5 n3 p7-11 1963.
Document contains halftone illustrations which are difficult to read in reprints.

TT-66-30671 Field 13B

Ryazanov, V. A., ed.; Goldberg, M. S., ed.
CRITERIA AND METHODS OF ESTABLISHING THE MAXIMUM PERMISSIBLE CONCENTRATIONS OF ATMOSPHERE POLLUTION IN THE USSR: BOOK 8. 7 Apr 65, 17p. JPRS-29471.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-30671

Trans. of Predelno-Dopustimye Kontsentratsii Atmosfernykh Zagriaznenii (USSR) v8 p5-21, t/c 1964. Maximum Permissible Concentrations of Atmospheric Pollution.

TT-66-32649 Field 13B, 13M

SOVIET CONSTRUCTION AND BUILDING MATERIALS INDUSTRY: TRANSLATIONS NO. 104. Tasks of the Builders in the New Five-Year Plan. 28 Jun 66, 12p. JPRS-36216.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32649

TT-66-51040/1 Field 13B, 18H, 13L, 6J

STAUB REINHALTUNG DER LUFT IN ENGLISH. Hygiene Effects and Control of Dusts, Fogs, Gases, Vapours, Radioactive Particles. 1966, 37p, 24refs.
SFCSI-HEW(TT-66-51040/1).
Order from CFSTI: $2.00 as TT-66-51040/1

Trans. of Technical Articles and Patent Sections of Staub (West Germany) v25 n1 1965.

TT-66-51040/2 Field 13B, 18H, 13L, 6J

STAUB REINHALTUNG DER LUFT IN ENGLISH, VOL. 25, NO. 2 1965. Hygiene Effects and Control of Dusts, Fogs, Gases, Vapours, Radioactive Particles. Tr. by D. Ben-Yaakov. 1966, 40p.
SFCSI-HEW(TT-66-51040/2).
Order from CFSTI: $2.00 as TT-66-51040/2

Trans. of technical articles and patent sections from Staub (West Germany) v25 n2 1965.

C. Construction equipment, materials and supplies

TT-65-31059 Field 13C

USSR INDUSTRIAL DEVELOPMENT: SOVIET CONSTRUCTION MACHINERY NO. 79. 24 May 65, 29p. JPRS-30207.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-65-31059

TT-66-32347 Field 13C, 11E

Yen Shou T'ing; Huang Yu Feng; Chang Pi Tung.
COMMUNIST CHINA'S INDUSTRY AND MATERIALS: TRANSLATIONS NO. 122. 9 Jun 66, 25p. JPRS-35913.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32347

Trans. of Chien Chu Ts'ai Liao Kung Yeh Chi Shu (Chinese People's Republic) n2 p49; n5 p15-7; n6 p8-11, 37-8 1965.

TT-66-32374 Field 13C

USSR INDUSTRIAL DEVELOPMENT: SOVIET CONSTRUCTION MACHINERY NO. 96. 10 Jun 66, 27p. JPRS-35940.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32374

TT-66-32384 Field 13C

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: ENGINEERING AND EQUIPMENT NO. 28. Construction Material Industry Technology. 13 Jun 66, 16p. JPRS-35950.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32384

TT-66-32543 Field 13C, 13B, 5A

SOVIET CONSTRUCTION AND BUILDING MATERIALS INDUSTRIES: TRANSLATIONS NO. 103. 21 Jun 66, 28p. JPRS-36109.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32543

D. Containers and packaging

TT-66-32559 Field 13D, 5A

USSR INDUSTRIAL DEVELOPMENT: GENERAL INFORMATION ON SOVIET INDUSTRY NO. 66. 23 Jun 66, 9p. JPRS-36125.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32559

TT-66-60475 Field 13D, 13H

Rozhkov, I. V.
CORROSION PROTECTION AND CLEANING OF TANKS AND CONTAINERS. Dec 65, 122p, 16refs.
FSTC-381-T65-673; AD-627 701.
Order from CFSTI or ETC: HC$4.00, MF$0.75
as AD-627 701

Trans. of mono. Zashchita ot Korrozii i Zachistka Rezervuarov, i Tary, Moscow, 1963 n.p.

F. Ground transportation equipment

TT-65-30898 Field 13F

USSR INDUSTRIAL DEVELOPMENT: SOVIET AUTOMOTIVE INDUSTRY NO. 92. 4 May 65, 21p. JPRS-29909.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-30898

TT-66-30934 Field 13F, 13J

COMMUNIST CHINA'S TRANSPORTATION AND COMMUNICATIONS: TRANSLATIONS NO. 23. 10 Mar 66, 10p. JPRS-34494.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-30934

Trans. of Ch'i Ch'e (Chinese People's Republic) n12 p32-3 1965 and Shui Yun (Chinese People's Republic) n12 p24 1965.

TT-66-32211 Field 13F, 13J, 1E

SOVIET TRANSPORTATION: TRANSLATIONS NO. 112. 1 Jun 66, 48p. JPRS-35776.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32211

TT-66-32467 Field 13F

Saakyan, V.
USSR INDUSTRIAL DEVELOPMENT: SOVIET AUTOMOTIVE INDUSTRY NO. 128. New Automotive Repair Methods in Armenian SSR. 16 Jun 66, 6p. JPRS-36033.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32467

Trans. of Promyshlennost Armenii (USSR) n12 p30-2 1965.

TT-66-32507 Field 13F, 17B, 13J

EAST EUROPEAN SERVICE INDUSTRIES: TRANSLATIONS NO. 449. 20 Jun 66, 62p. JPRS-36073.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-32507

TT-66-32538 Field 13F, 1E

SOVIET TRANSPORTATION: TRANSLATIONS NO. 116. 21 Jun 66, 95p. JPRS-36104.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-32538

TT-66-32638 Field 13F, 13H

Krasovskii, G. A.
AUTOMATION IN RAILROAD OPERATIONS. 27 Jun 66, 10p. JPRS-36205.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32638

Trans. of Avtomatika, Telemekanika i Svyaz (USSR) n4 p8-11 1966.

TT-66-32691 Field 13F, 13J

SOVIET TRANSPORTATION: TRANSLATIONS NO. 119. 29 Jun 66, 55p. JPRS-36258.
Order from CFSTI or ETC: HC$3.00, MF$0.50
as TT-66-32691

G. Hydraulic and pneumatic equipment

TT-66-60807 Field 13G, 13C, 13F, 13H

PNEUMATIC CONVEYING OF GRANULATED MATERIALS. Sep 65, 22p. N66-15414; RAE-Lib-Trans-1125.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as N66-15414

Trans. of Unidentified German language source, n.d.

TT-66-61684 Field 13G

Vavilov, A. A.; Kotchenko, F. F.
THE DESIGN OF ONE CLASS OF SERVO SYSTEMS CLOSE TO THE OPTIMAL. 13 Jan 66, 23p, 7refs.
FTD-MT-64-305; AD-635 272.
Order from CFSTI or ETC: HC$1.50, MF$0.50
as AD-635 272

Edited machine trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Elektromekhanika (USSR) n8 p961-72 1963.

H. Industrial processes

TT-64-41896 Field 13H

Kushnerev, D. M.; Lyakhovaya, I. V.; Svetsinskii, V. G.; Grebelnik, M. P.
CERAMIC FLUX IN WELDING SOME ALLOYS. 30 Sep 64, 53p, 14refs. JPRS-26638.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-64-41896

Trans. of mono. Svarka Spetsialnykh metallov i splavov, Kiev, 1963 p89-98, 111-36.

TT-65-33101 Field 13H, 11F

STUDIES IN THE MELTING AND HOT-ROLLING OF TITANIUM AND ZONE SEGREGATION OF TITANIUM ALLOY INGOTS. 29 Oct 65, 29p, 18refs. JPRS-32622.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-65-33101

Trans. of Tsvetnye Metally (USSR) v38 n7 p70-4, 76-86 1965.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-31850 Field 13H, 6C, 6H

ELECTRONIC MACHINING AND TREATMENT OF MATERIALS. 12 May 66, 124p, refs. JPRS-35414.
Order from CFSTI or ETC: HC$4.00, MF$0.75
as TT-66-31850

Trans. of Elektronnaya Obrabotka Materialov (USSR) n2 p1-91 1965.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-32445 Field 13H, 7A

COMMUNIST CHINA'S INDUSTRY AND MATERIALS: TRANSLATIONS NO. 123. 15 Jun 66, 23p. JPRS-36011.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32445

TT-66-32465 Field 13H, 7A

EAST EUROPEAN HEAVY INDUSTRY: TRANSLATIONS NO. 275. 16 Jun 66, 69p. JPRS-36031.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-32465

TT-66-32532 Field 13H

Durmala, I. Z.; Belov, V. S.; Chetverukhin, S. L.; Knorre, V. S.; Sakharov, G. M.
NEW REGIONAL FOUNDRIES IN THE USSR.
21 Jun 66, 15p. JPRS-36098.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32532

Trans. of Przeglad Odlewnictwa (Poland) n4 p116-21 1966.

TT-66-32617 Field 13H, 14B

Faerman, B. S.
FOURTH ALL-UNION SCIENTIFIC AND TECHNICAL CONFERENCE ON QUALITY CONTROL AND NON-DESTRUCTIVE TESTING. 24 Jun 66, 6p. JPRS-36183.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32617

Trans. of Zavodskaya Laboratoriya (USSR) v32 n1 p126-8 1966.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-32696 Field 13H

Ardenne, M. von; Schiller, S.; Heisig, U.
DEVELOPMENT TRENDS IN CATHODE RAY TECHNOLOGY.
30 Jun 66, 32p, 71refs. JPRS-36263.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32696

Trans. of die Technik (East Germany) v21 n4 p257-63; n5 p307-13 1966.

I. Machinery and tools

TT-65-30145 Field 13I

USSR INDUSTRIAL DEVELOPMENT: GENERAL INFORMATION ON SOVIET MACHINERY INDUSTRIES NO. 47.
18 Jan 65, 13p. JPRS-28340.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-30145

TT-66-30732 Field 13I, 5C

PRAVDA EDITORIALS (18 - 21 FEB 66): TRANSLATIONS NO. 577. 24 Feb 66, 12p. JPRS-34291.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-30732

TT-66-32329 Field 13I

Vinogradov, K. K.
DEVELOPMENT OF MACHINE-BUILDING AND CHANGES IN THE STRUCTURE OF OUTPUT OF MACHINERY AND EQUIPMENT IN 1961-1965. 7 Jun 66, 10p. JPRS-35895.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32329

Trans. of Vestnik Mashinostroeniya (USSR) v46 n4 p74-8 1966.

TT-66-32435 Field 13I

USSR INDUSTRIAL DEVELOPMENT: SOVIET METALWORKING EQUIPMENT NO. 192. 14 Jun 66, 11p. JPRS-36001.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32435

TT-66-32450 Field 13I, 13H

USSR INDUSTRIAL DEVELOPMENT: GENERAL INFORMATION ON SOVIET INDUSTRY NO. 63. 15 Jun 66, 28p. JPRS-36016.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32450

TT-66-32754 Field 13I

Koshuta, A.
NEW PRICES IN MACHINE BUILDING. 6 Jul 66, 7p. JPRS-36322.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32754

Trans. from Ekonomicheskaya Gazeta (USSR) n24 p16 1966.

TT-66-60367 Field 13I

Morecki, A.
STATIC LOAD DISTRIBUTION AND DYNAMIC OVERLOADING IN CYLINDRICAL GEARS OF THE SPUR AND HELICAL TYPES. Jan 66, 74p, 22refs. PA-TT-2; AD-627 092
Order from CFSTI or ETC: HC$3.00, MF$0.75 as AD-627 092

Trans. of Archiwum Budowy Maszyn (Poland) v8 n2 p139-92 1961.

TT-66-61690 Field 13I, 21E, 20M

Demidovich, V. M.
CALCULATION OF THERMAL CONDITIONS OF ROLLER BEARINGS OF GAS-TURBINE ENGINES. 17 Jan 66, 18p, 7refs. FTD-MT-65-32; AD-635 280.
Order from CFSTI or ETC: HC$4.00, MF$0.50 as AD-635 280

Edited machine trans. of Aviatsionnyi Institut, Kazan. Trudy (USSR) v66 p49-62 1961.

J. Marine engineering

TT-66-30691 Field 13J

Ch'en Hung-chiu.
COMMUNIST CHINA'S TRANSPORTATION AND COMMUNICATIONS: TRANSLATIONS NO. 22. 23 Feb 66, 12p. JPRS-34250.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-30691

Trans. of Shui Yun (Chinese People's Republic) n10 p20-1, 31-3 1965.

TT-66-32383 Field 13J, 13C

COMMUNIST CHINA'S TRANSPORTATION AND COMMUNICATIONS: TRANSLATIONS NO. 28. 13 Jun 66, 27p. JPRS-35949.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-32383

TT-66-32653 Field 13J, 13I

EAST EUROPEAN HEAVY INDUSTRY: TRANSLATIONS NO. 277. 28 Jun 66, 57p, refs. JPRS-36220.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-66-32653

TT-66-32705 Field 13J

SOVIET TRANSPORTATION: TRANSLATIONS NO. 120. 30 Jun 66, 13p. JPRS-36272.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32705

TT-66-60393 Field 13J, 11I, 13H

Kushelev, V. V.; Sokolov, I. A.
PLASTIC SHIP HULLS. 1960, 104p, 25refs. Trans-1094; AD-627 249.
Order from CFSTI or ETC: HC$4.00, MF$0.75 as AD-627 249

Trans. of mono. Korpusa Sudov iz Plastmass, Leningrad, 1960.

M. Structural engineering

TT-66-32377 Field 13M

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: ENGINEERING AND EQUIPMENT NO. 27. Journal of Architecture. 10 Jun 66, 26p. JPRS-35943.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-32377

Trans. abstract of Chien Chu Hsueh Pao (Chinese People's Republic) n3 p1-32ff 1966.

TT-66-60473 Field 13M

Belyaev, A. V.; Tolstoi, M. G.
NEW PREFABRICATED STRUCTURAL PARTS IN CONSTRUCTION. Dec 65, 92p, 14refs. FSTC-381-T65-694; AD-627 699.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as AD-627 699

Trans. of mono. Novye Sbornye Konstruktsii v Stroitelstve, n.p., 1962 p1-92.

14 METHODS AND EQUIPMENT

B. Laboratories, test facilities, and test equipment

TT-65-30747 Field 14B

USSR INDUSTRIAL DEVELOPMENT: SOVIET PRECISION EQUIPMENT NO. 146. 15 Apr 66, 14p. JPRS-29611.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30747

TT-66-32643 Field 14B, 9C

NEWS OF HIGHER EDUCATIONAL INSTITUTIONS, INSTRUMENT BUILDING, VOL. 9, NO. 1, 1966. 27 Jun 66, 200p, refs. JPRS-36210.
Order from CFSTI or ETC: HC$5.00, MF$1.25 as TT-66-32643

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Proborostroenie (USSR) v9 n1 p1-159 1966.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-61135 Field 14B, 20M, 11F, 14E

Gindin, I. A.; Starodubov, Ya. D.
DEVICE FOR METALLOGRAPHIC AND RADIOGRAPHIC INVESTIGATIONS OF SOLIDS DURING DEFORMATION AT LOW TEMPERATURES. 30 Mar 66, 11p, 10refs. FTD-TT-65-1510; AD-631 854.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-631 854

Unedited rough draft trans. of mono. Novye Mashiny i Pribory dlya Ispytaniya Metallov. Sbornik Statei, n. p., 1963 p116-8.

15 MILITARY SCIENCES

TT-66-30205 Field 15-, 5I

POLITICAL AND SOCIOLOGICAL INFORMATION ON COMMUNIST CHINA: TRANSLATIONS NO. 321. 17 Jan 66,

25p, 2refs. JPRS-33762.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-30205

TT-66-32474 Field 15-

Plyaskin, V. Ya.; Lysukhin, I. F.; Ruvinskii, V. A.
SOVIET MILITARY TRANSLATIONS NO. 277. Studies in Engineering Support of Combined-Arms Combat. 16 Jun 66, 45p. JPRS-36040.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32474

Trans. of mono. Inzheneroi Obespechenie Obshchevoiskovogo Boya, Moscow, n.d. p3-6, 345-72.
Engineering Support of Combined-Arms Combat.

TT-66-32590 Field 15-

MILITARY INFORMATION ON EASTERN EUROPE NO. 133. Bulgarian Armed Forces One-Man Command. 23 Jun 66, 10p. JPRS-36156.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32590

TT-66-32655 Field 15-

SOVIET MILITARY TRANSLATIONS NO. 282. Civil Defense. 28 Jun 66, 79p, refs. JPRS-36222.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-32655

TT-66-32703 Field 15-

SOVIET MILITARY TRANSLATIONS NO. 284. 30 Jun 66, 45p. JPRS-36270.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32703

B. Chemical, biological, and radiological warfare

TT-65-33943 Field 15B

Sidorov, N.
CHEMICAL WARFARE AGENTS NOW EMPLOYED OR CONTEMPLATED BY PENTAGON IN VIETNAM. 16 Dec 65, 6p. JPRS-33368.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-33943

Trans. of Krasnaya Zvezda (USSR) 13 Nov p5 1965.

TT-66-61257 Field 15B, 19D, 19H

Smilesld, K.
PROBLEMS IN THE EMPLOYMENT OF ABC COMBAT AGENTS IN NARROW SEAS (O Problemima Upotrebe ABH Borbenih Sredstava u Uskim Morima). Tr. by George Matzureff. 1966, 7p. Trans-1001; AD-632 869.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-632 869

Trans. of Mornaricki Glasnik (Yugoslavia) n2 p190-204 1963.

C. Defense

TT-65-32768 Field 15C, 14B, 5A

Messmer, P.
RESEARCH AND TESTING APPARATUS: NECESSARY RESOURCES OF A MODERN ARMY. 6 Oct 65, 33p. JPRS-32278.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-65-32768

Trans. of Air et Cosmos (France) n107 p1, 16-33, 46 1965.

TT-65-32906 Field 15C

SOVIET MILITARY TRANSLATIONS NO. 209. Civil Defense. 15 Oct 65, 75p. JPRS-32417.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-65-32906

Trans. of Voennye Znaniya (USSR) Sep p1-2, 14-32 1965.

TT-66-30204 Field 15C, 15E, 5I, 5K

MILITARY INFORMATION ON EASTERN EUROPE NO. 125. 17 Jan 66, 38p. JPRS-33761.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-30204

TT-66-30720 Field 15C, 5I

MILITARY INFORMATION ON EASTERN EUROPE NO. 127. Revision of the GDR Decree Concerning Active Duty in the National People's Army (Service Career Order). 24 Feb 66, 17p. JPRS-34279.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-30720

Trans. of Gesetzblatt der Deutschen Demokratischen Republik, Part I (East Germany) n4 p45-51 1966.

TT-66-32478 Field 15C

SOVIET MILITARY TRANSLATIONS NO. 278. Civil Defense. 28 Jun 66, 74p. JPRS-36044.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-32478

TT-66-32542 Field 15C, 5I

POLITICAL AND SOCIOLOGICAL INFORMATION ON NORTH VIETNAM: TRANSLATIONS NO. 280. 21 Jun 66, 34p. JPRS-36108.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32542

TT-66-32648 Field 15C

SOVIET MILITARY TRANSLATIONS NO. 280. DOSAAF and Civil Defense: Forthcoming 15th All-Union Komsomol Congress. 28 Jun 66, 4p. JPRS-36215.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32648

TT-66-32672 Field 15C, 5I

POLITICAL AND SOCIOLOGICAL INFORMATION ON NORTH VIETNAM: TRANSLATIONS NO. 283. 29 Jun 1966, 21p. JPRS-36239.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32672

TT-66-32679 Field 15C, 5I, 1C

MILITARY INFORMATION ON EASTERN EUROPE NO. 134. 29 Jun 66, 43p. JPRS-36246.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32679

TT-66-61260 Field 15C

THE FORTY FIFTH ANNIVERSARY OF THE SOVIET ARMY AND NAVY. 1966, 9p. Trans-971; AD-632 863.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-632 863

Trans. of Morskoi Sbornik (USSR) n2 p3-8 1963.

E. Logistics

TT-66-32876 Field 15E, 15G, 5I

Rakovskii, L.
THE STORY OF MIKHAIL TUKHACHEVSKII. 12 Jul 66, 121p. JPRS-36444.
Order from CFSTI or ETC: HC$4.00, MF$0.75
as TT-66-32876

Trans. of Neva (USSR) n4 p18-118 1966.

16 MISSILE TECHNOLOGY

A. Missile launching and ground support

TT-66-61399 Field 16A

Patrikeitsev, M. V.
LAUNCHING OF GUIDED ROCKETS. 19 Jan 66, 90p, 7refs. FTD-MT-64-528; AD-633 660.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as AD-633 660

Trans. of mono. Pusk Upravlyaemykh Raket, Moscow, 1963 83p.

D. Missiles

TT-66-60169 Field 16D

Tsiolkovskii, K. E.
WORKS ON ROCKET TECHNOLOGY. Nov 65, 442p. NASA-TT-F-243; N65-(36875-36892).
Order from CFSTI or ETC: $3.50 as N65-36875

Trans. of mono. Trudy po Raketnoi Tekhnike, Moscow, 1947 364p.

17 NAVIGATION, COMMUNICATIONS DETECTION AND COUNTERMEASURES

B. Communications

TT-65-30940 Field 17B, 9C

HERALD OF COMMUNICATIONS, VOL. 25, NO. 2, 1965: SELECTED ARTICLES. 10 May 65, 119p. JPRS-29982.
Order from CFSTI or ETC: HC$4.00, MF$1.00
as TT-65-30940

Trans. of Vestnik Svyazi (USSR) v25 n2(299) 110p 1965.

TT-65-33566 Field 17B

COMMUNIST CHINA'S SCIENCE AND TECHNOLOGY: TRANSLATIONS NO. 245. Tropospheric Scatter Communications. 23 Nov 65, 21p. JPRS-32989.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-33566

TT-66-32554 Field 17B, 14D

Weiher, H.
THE RELIABILITY OF COMMUNICATIONS EQUIPMENT FROM AN ECONOMIC VIEWPOINT. 21 Jun 66, 15p, 8refs. JPRS-36120.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32554

Trans. of Nachrichtentechnik (German Democratic Republic) v16 n2 p46-9 1966.

TT-66-32558 Field 17B

USSR COMMUNICATIONS: TRANSLATIONS NO. 68. 23 Jun 66, 16p. JPRS-36124.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32558

TT-66-32578 Field 17B, 5I

HERALD OF COMMUNICATIONS, VOL. 26, NO. 3(312), 1966. 23 Jun 66, 117p, refs. JPRS-36144.
Order from CFSTI or ETC: HC$4.00, MF$0.75
as TT-66-32578

Trans. of Vestnik Svyazi (USSR) v26 n3(312) 115p 1966.

TT-66-32640 Field 17B

Boerescu, C.; Kornis, E.
NEW LONG-RANGE BROADCAST TRANSMITTER IN BOD, RUMANIA. 27 Jun 66, 28p, refs. JPRS-36207.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32640

Trans. of Telecomunicatii (Rumania) v10 n1 p3-14 1966.

TT-66-60733 Field 17B, 22A

Chernyshev, V.
A RED BEAM IN THE BLACK SKY. 1 Feb 66, 10p. FTD-TT-65-1683; AD-629 473.
Order from CFSTI or ETC: HC$1.10, MF$0.50
as AD-629 473

Unedited rough draft trans. from Krasnaya Zvezda (USSR) 14 Mar p1 1965.

TT-66-61683 Field 17B, 11F, 11A, 11G, 11C, 11L, 11E, 11I

Sobolevskii, A. G.
MATERIALS USED IN RADIO ELECTRONICS (Materialy v Radioelektronike). 11 Feb 66, 58p. FTD-MT-65-69; AD-635 271.
Order from CFSTI or ETC: HC$4.00, MF$0.50

as AD-635 271

Edited machine trans. of Massovaya Radio Biblioteka (USSR) v492 48p 1963.

G. Navigation and guidance

TT-66-61125 Field 17G, 17E, 16D

Chen Tei.
INFRARED RADIATION AND ITS APPLICATION IN ROCKETS. 15 Mar 66, 9p. FTD-TT-65-926; AD-631 768.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-631 768

Edited trans. of Tien Tzu Chi Shu, n4 p31-3 1964.

I. Radar detection

TT-66-60838 Field 17I, 20M

Gorelik, A. G.; Chernikov, A. A.
SOME PROBLEMS OF RADAR TRACKING OF MULTIPLE TARGETS (Nekotorye Voprosy Radiolokatsii Mnozhestvennoi Tseli). Tr. by William J. Grimes.
Jan 66, 20p, 4refs. AmMetSoc-T-R-518; AD-630 556.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-630 556

Trans. of Tsentralnaya Aerologicheskaya Observatoriya. Trudy (USSR) n57 p77-86 1964.
Translated under Contract AF 19(628)-3880.

18 NUCLEAR SCIENCE AND TECHNOLOGY

B. Isotopes

TT-65-50301/2 Field 18B, 6E, 6R

POLISH REVIEW OF RADIOLOGY AND NUCLEAR MEDICINE, VOL. 29, NO. 2, 1965. 1966, 136p, 224refs.
SFCSI-HEW-NLM(TT-65-50301/2).
Order from CFSTI: $4.00 as TT-65-50301/2

Trans. of Polski Przeglad Radiologii i Medycyny Nuklearnej, v29 n2 p103-237 1965.

E. Nuclear power plants

TT-66-20790 Field 18E

Dzhagatspanyan, R. V.
CHIKAGOER UND WARSCHAUER KONFERENZ UEBER DIE ANWENDUNG DER ATOMENERGIE FUER FRIEDLICHE ZWECKE.
Order from ETC as DAW/WRZ

Trans. in German of Vestnik Tekhnicheskoi i Ekonomicheskoi Informatsii (USSR) n8/9 p80-9 1960.

TT-66-61258 Field 18E, 21F

Anzine, A. M.
THE ATOM ENGINE. 1966, 69p. Trans-2125; AD-632 868.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as AD-632 868

Trans. of mono. Atom-Dvigatel, Moscow, 1964.

H. Radioactivity

TT-65-50508 Field 18H, 7E

NUCLEONICS, VOL. 10, NO. 5, 1965: SELECTED ARTICLES. 1966, 72p, 85refs. SFCSI-AEC(TT-65-50508); AEC-tr-6491.
Order from CFSTI: $3.00 as AEC-tr-6491

Trans. of Nukleonika (Poland) v10 n5 p261-330 1965.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-65-64018 Field 18H, 20G

Baranovskii, V. I.; Kalyamin, A. V.
THE SPECTRA OF NEUTRON DEFICIENT HF ISOTOPES (O Spektrakh Neitronodefitsitnykh Izotopov Hf). Tr. by S. J. Rimshaw and J. J. Pinajian. Mar 65, 4p, 5refs. ORNL-tr-544.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as ORNL-tr-544

Trans. or Akademiya Nauk SSSR. Izvestiya. Seriya Fizicheskaya, v23 p831 1959.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-51014 Field 18H, 20F, 4B, 4A

Feigelson, E. M.
LIGHT AND HEAT RADIATION IN STRATUS CLOUDS. Tr. by Z. Lerman. 1966, 251p, refs.
SFCSI-Comm(TT-66-51014).
Order from CFSTI: $6.00 as TT-66-51014

Trans. of mono. Radiatsionnye Protsessy v Sloistoobraznykh Oblakakh, Moscow, 1964.

TT-66-61659 Field 18H, 7E, 20L, 11F, 11B

Andrushis, J.; Shishkevish, G.
RADIATION DAMAGE IN SOLIDS: COMPILATION OF ABSTRACTS. 18 Apr 66, 194p. ATD-66-43; AD-635 088.
Order from CFSTI or ETC: HC$5.00, MF$1.00
as AD-635 088

Based on Soviet-Satellite open sources pub. 1962-1965. Report on surveys of Communist World Scientific and Technical Literature.

19 ORDNANCE

D. Explosions, ballistics, and armor

TT-66-60094 Field 19D

Rempel, G. G.
CONTRIBUTION TO THE PROBLEM OF ESTIMATING THE LENGTH OF THE CHEMICAL REACTION ZONE BEHIND THE FRONT OF A DETONATION WAVE.
Tr. by L. J. Holtschlag. 30 Nov 65, 21p, 15refs.
APL/JHU-TG-230-T453; AD-625 574.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-625 574

Trans. of Vzryvnoe Delo (USSR) n52/9 p39-56 1963.
Translated under Contract NOw-62-0604-c.

TT-66-60267 Field 19D, 7D, 19A

Dremin, A. N.; Savrod, S. D.
RADIATION SPECTRUM OF A DETONATING WAVE IN NITROMETHANE (NM). 1965, 6p. Trans-2004; AD-626 702.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-626 702

Trans. of Zhurnal Prikladnoi Mekhaniki i Tekhnicheskoi Fiziki (USSR) n1 p103-5 1965.

TT-66-61503 Field 19D, 21B, 19A

Andreev, K. K.
ON THE TRANSITION OF BURNING OF EXPLOSIVES TO DETONATION (O Perekhode Goreniya Vzryvchatykh Veshchestv vo Vzryv). 1966, 23p, 11refs. Trans-2143; AD-634 307.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-634 307

Trans. of Vzryvnoe Delo (USSR) n52/9 p130-40 1963.

TT-66-61686 Field 19D, 21B

Pyatnitskii, L. N.; Tsukhanova, O. A.
CALCULATION OF THE STATE OF PRODUCTS OF EXPLOSION BY THE METHOD OF MEASUREMENT OF PARAMETERS OF SHOCK. 17 Jan 66, 16p, 5refs. FTD-MT-65-183; AD-635 274.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-635 274

Edited machine trans. of Inzhenerno-Fizicheskii Zhurnal (USSR) v5 n5 p21-9 1962.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

G. Rockets

TT-66-60000 Field 19G

Galiullin, A. S.
ANALYTICAL CONSTRUCTION OF THT GUIDANCE SYSTEM OF ROCKETS. 1 Dec 65, 13p, 7refs. FTD-TT-65-839; AD-625 093.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-625 093

Unedited rough draft trans. of Universitet Druzhby Narodov, Moscow, Trudy, v1 n1 p56-63 1963.

20 PHYSICS

TT-66-32433 Field 20-, 12-

USSR SCIENTIFIC ABSTRACTS: PHYSICS AND MATHEMATICS NO. 65. 14 Jun 66, 184p. JPRS-35999.
Order from CFSTI or ETC: HC$5.00, MF$1.00
as TT-66-32433

B. Crystallography

TT-65-64085 Field 20B, 20F

Chatelain, Pierre.
SCATTERING OF POLARIZED LIGHT BY NEMATICTYPE LIQUID CRYSTALS (Sur la Diffusion, par les Cristaux Liquides du Type Nematique, de Lumiere Polarisee). Oct 65, 26p, 23refs. AERDL-T-1803-65; AD-621 937.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as AD-621 937

Trans. of Acta Crystallographica (Denmark) v1 p315-23 1948.
Translated under Contract DA44 009AMC930T

TT-65-64086 Field 20B, 20F

Chatelain, P.
THEORETICAL STUDY OF THE SCATTERING OF LIGHT BY A FLUID DISPLAYING A SINGLE AXIS OF ISOTROPY: APPLICATION TO NEMATIC-TYPE LIQUID CRYSTALS. Oct 65, 16p, 6refs. AERDL-T-1804-65; AD-621 938.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-621 938

Trans. of Acta Crystallographica (Denmark) v4 p453-7 1951.
Translated under Contract DA44 009AMC930T.

TT-66-61164 Field 20B

Becher, H.
ON THE FORMATION OF THE TETRAGONAL BORON MODIFICATIONS BY SUBSTITUTION OF THE BERYLLIUM ATOM IN THE B2B12 LATTICE. 15 Mar 66, 14p. FTD-TT-65-798; AD-631 994.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-631 994

Unedited rough draft trans. of Zeitschrift fuer Anorganische und Allgemeine Chemie (East Germany) v321 p217-23 1963.

C. Electricity and magnetism

TT-66-61136 Field 20C

Diatroptov, D. B.
SECONDARY ELECTRONIC EMISSION OF COPPER AND OF CERTAIN COATINGS. 30 Mar 66, 13p, 5refs. FTD-TT-65-1539; AD-631 855.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-631 855

Unedited rough draft trans. of Elektronika Bolshikh Moshchnostei (USSR) n2 p148-56 1963.

TT-66-61534 Field 20C, 9E

Karzev, V. P.
CONTROL OF THE CURRENT OF A SHORT-CIRCUITED SUPERCONDUCTIVE NETWORK (Upravlenie Tokom Korotko-Samknutoyi Sverkhprovodiaschei Zepi). Jun 66, 8p, 4refs. AERDL-T-1848-66; AD-634 516.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-634 516

Trans. of Elektrotekhnika (USSR) n1 p58-9 1966.

D. Fluid mechanics

TT-66-60588 Field 20D, 20K

Kilchevskii, N. A.; Komissarova, G. L.; Martynenko, V. S.
ON THE NONSTATIONARY MOTION OF A VISCOUS FLUID IN A THIN, ELASTIC CYLINDRICAL TUBE. 1965, 5p, 2refs.

Order from CFSTI, SLA, or ETC: HC$1.10, MF$0.50
as TT-66-60588

Trans. of Akademiya Nauk URSR, Kiev. Dopovidi, n11 p1438-42 1965.

TT-66-60720 Field 20D

Popov, V. P.; Goncharenko, G. K.
INVESTIGATION OF ULTRASONIC ATOMIZERS OF LIQUIDS AND MELTS. 20 Jan 66, 12p, 6refs. FTD-TT-65-1445; AD-629 414.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-629 414

Unedited rough draft trans. of Khimicheskaya Promyshlennost (USSR) n6 p442-5 1964.

TT-66-60722 Field 20D, 12A, 20K

APPLIED MATHEMATICS AND MECHANICS, VOL. 29, NO. 1, 1965 (SELECTED ARTICLES). 18 Feb 66, 47p, 18refs. FTD-TT-65-1778; AD-629 416.
Order from CFSTI or ETC: HC$4.60, MF$0.50
as AD-629 416

Unedited rough draft trans. of Prikladnaya Matematika i Mekhanika (USSR) v29 n1 p106-13, 141-55 1965.

TT-66-60731 Field 20D, 14E

Semenov, A. N.
DETERMINING THE DENSITY OF GAS BEHIND A SHOCK WAVE FROM SHADOW PHOTOGRAPHY. 20 Jan 66, 21p, 9refs. FTD-TT-65-1385; AD-629 471.
Order from CFSTI or ETC: HC$2.60, MF$0.50
as AD-629 471

Unedited rough draft trans. of Inzhenernyi Zhurnal (USSR) v4 n4 p743-50 1964.

TT-66-61126 Field 20D, 20M, 20E

Sutyrina, T. M.
STUDY OF THE PROCESS OF EXPANSION OF FREON-12 IN A NOZZLE. 15 Mar 66, 9p, 5refs. FTD-TT-65-1033; AD-631 769.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-631 769

Unedited rough draft trans. of Kholodilnaya Tekhnika (USSR) n4 p45-51 1964.

E. Masers and lasers

TT-65-31590 Field 20E, 20F

ALL-UNION SCIENTIFIC SESSION IN HONOR OF THE 70TH YEAR SINCE THE INVENTION OF RADIO BY A. S. POPOV (NO. 21). 15 Jul 65, 17p. 11refs. JPRS-31092.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-31590

Trans. of mono. Vsesoyuznaya Nauchnaya Sessiya, Posvyashchennaya 70-letiyu Izobreteniya Radio A. S. Popovym (No. 21) Moscow, 1965 p3-15.

TT-66-32545 Field 20E, 20F, 17B

Svoren, R.
PROSPECTS FOR LASER AND OPTICAL COMMUNICATIONS. 21 Jun 66, 21p. JPRS-36111.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32545

Trans. of Nauka i Zhizn (USSR) n4 p59-65 1966.

TT-66-32727 Field 20E

Korolev, F. A.; Lomonosov, M. V.
COHERENT LIGHT GENERATORS AND AMPLIFIERS. 30 Jun 66, 26p. JPRS-36295.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32727

Trans. of Elektrichestvo (USSR) n4 p1-11 1966.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

F. Optics

TT-65-64443 Field 20F, 4A, 12A

Kuznetsov, E. S.; Ovchinskii, B. V.
NUMERICAL SOLUTION OF AN INTEGRAL EQUATION ON THE THEORY OF LIGHT SCATTERING IN THE ATMOSPHERE (Rezultaty Chislennogo Resheniya Integralnogo Uravneniya Teorii Rasseyaniya Sveta v Atmosphere). 1965, 103p, 4refs. NASA-TT-F-372; N65-33363.
Order from CFSTI or ETC: HC$4.00, MF$0.75
as N65-33363
Trans. of Akademiya Nauk SSSR. Geofizicheskii Institut. Trudy, n4(131) 103p 1949.

G. Particle accelerators

TT-65-62454 Field 20G, 20H

Ado, Yu. M.; Bessonov, E. G.; Cherenkov, P. A.
EXPERIMENTS ON THE STORAGE OF ELECTRONS IN A SYNCHROTRON. Tr. by T. Watt. Nov 64, 13p. SLAC-Trans-13.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as SLAC-Trans-13
Trans. of mono. Eksperimenty po Nakopleniyu Electronov v Sinkhrotrone, Moscow, 1964 9p.

H. Particle physics

TT-65-64014 Field 20H, 20M

Plaksin, I. N.; Malyshvea, N. G.; Starchik, L. P.
USE OF BREMSSTRAHLUNG RADIATION FROM BETA EMITTERS TO INDUCE PHOTONUCLEAR REACTIONS (Primenenie Tormoznogo Izlucheniaya Beta Prerarator dlya Vozbuzhdeniya Photoyadernykh Reaktsii). Tr. by S. J. Rimshaw and J. J. Pinajian. Jan 65, 8p, 6refs. ORNL-tr-456.
Order from CFSTI or ETC: HC$1.00, MC$0.50
as ORNL-tr-456
Trans. of Akademiya Nauk (SSSR) Doklady, v156 n4 p803-5 1964.

TT-66-60801 Field 20H

Fluck, E.; Kerler, W.; Kuhn, P.; Neuwirth, W.; Zimmerman, B.
STUDY OF COMPLEX AND COVALENT IRON COMPOUNDS USING THE FE57 MOSSBAUER EFFECT.

Nov 64, 36p, refs. AERE-Trans-1026; N66-15920.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as N66-15920

Trans. of Zeitschrift fuer Physik (West Germany)
v173 n3 p321-46 1963.

TT-66-61217 Field 20H

Wu Shi-shu.
ON THE BRUECKNER-GOLDSTONE LINKED CLUSTER EXPANSION FORMULA. Feb 66, 29p, 10refs.
Emm-65-27; AD-632 410.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as AD-632 410

Trans. of Wu Li Hsueh Pao (Chinese People's Republic)
v20 n2 p147-58 1964.
Translated under Contract AF 19(628)-5073.

I. Plasma physics

TT-65-50507 Field 20I, 7D

NUCLEONICS, VOL. 10, NO. 4, 1965: SELECTED ARTICLES. 1966, 66p, 112refs. SFCSI-AEC-(TT-65-50507); AEC-tr-6490.
Order from CFSTI: $3.00 as AEC-tr-6490

Trans. of Nukleonika (Poland) v10 n4 p195-260 1965.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-65-61915 Field 20I

Pistunovich, V. I.; Timofeev, A. V.
ON THE HEATING OF ELECTRONS IN AN ANISOTROPIC PLASMA (K Voprosu o Negreve Elektronov V Anizotropropnoi Plazme). 28 Jan 65, 7p, 8refs.
NASA-TT-F-9634; N65-15736.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as N65-15736

Trans. of Akademiya Nauk SSSR. Doklady, v159 n4 p779-81 1964.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.
Contract NAS-5-3760.

TT-65-64685 Field 20I, 20G

Chechkin, V. V.; Vasilev, M. P.; Grigoreva, L. I.; Smerdov, B. I.
ANOMALOUS PLASMA DIFFUSION IN ION CYCLOTRON RESONANCE (Anomalnaya Diffuziya Plazmy v Ionnom Tsiklotronnom Rezonanse). May 65, 24p, refs.
N65-27683; NASA-TT-F-9377.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as N65-27683

Trans. of Nuclear Fusion (Austria) v4 p145-51 1964.

TT-66-60351 Field 20I, 14B

Sheindlin, A. E.; Asinovskii, E. I.
INVESTIGATIONS OF THE ELECTRICAL AND OPTICAL PROPERTIES OF ARGON IN A STABILIZED ARC.
21 Dec 65, 12p, 6refs. FTD-TT-65-1236; AD-627 007.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-627 007

Unedited rough draft trans. of mono. Predstavlennyi Mezhdunarodnyi Simpozium po Ionizatsionnym Yavleniyam v Gazakh (No. 6), Paris, Jul 63.
Doklady, n. p. 1963 10p.

J. Quantum theory

TT-66-61220 Field 20J, 7D, 20H

Tolmachev, V. V.
METHOD OF FIELD-THEORETIC GREEN'S FUNCTIONS IN ATOMIC AND MOLECULAR PROBLEMS (Metod Polevykh Funktsii Grina v Atomnykh i Molekuliarnykh Zadachakh). Tr. by George E. Brady, Jr. and Stuart W. Kellog. Apr 66, 37p, 14refs.
AmMetSoc-T-R-546; AD-632 414.
Order from CFSTI, SLA, or ETC: HC$2.00, MF$0.50
as AD-632 414

Trans. of Lietuvos Fizikos Rinkinys (Lithuanian SSR)
v3 n1/2 p47-72 1963.
Translated under Contract AF 19(628)-3880.

K. Solid mechanics

TT-65-30214 Field 20K, 20L

RESEARCH BY THE INSTITUTE OF APPLIED MECHANICS, 1944-64. 27 Jan 65, 8p. JPRS-28498.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-30214

Trans. of Academia Republicii Populare Romine. Institutul de Mecanica Aplicata. Studii si Cercetari de Mecanica Aplicata (Rumania) v16 n4 p815-20 1964.

TT-66-32415 Field 20K

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: ENGINEERING AND EQUIPMENT NO. 29. Acta Mechanica Sinica. 14 Jun 66, 12p. JPRS-35581.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32415

TT-66-60544 Field 20K

Kubenko, V. D.
STRESSES NEAR AN ELLIPTIC HOLE SUBJECT TO OSCILLATING PRESSURE. Dec 65, 8p, refs.
NASA-TT-F-9795; N66-12502.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as N66-12502

Trans. of Prikladnaya Mekhanika (USSR) v1 n5 p133-7 1965.

TT-66-60587 Field 20K

Gaisenyuk, B. S.; Nozhak, G. V.
DYNAMIC STRESSES IN THE MIDDLE SURFACE OF A CYLINDRICAL SHELL UNDER THE EFFECT OF PULSE LOADING. 1965, 4p, 5refs.
Order from CFSTI SLA, or ETC: HC$1.10, MF$0.50
as TT-66-60487

Trans. of Akademiya Nauk URSR, Kiev. Dovopidi, n11 p1430-3 1965.

TT-66-60589 Field 20K

Volk, S. I.
ELASTIC CONICAL SHELLS LOADED ALONG THE GENERATORS AND AT POINTS OF THE CONTOUR CIRCLES. 1965, 8p, 6refs.

Order from CFSTI or ETC: HC$1.10, MF$0.50
as TT-66-60589

Trans. of Prikladnaya Mekhanika (USSR) v1 n11 p20-7 1965.

TT-66-60590 Field 20K

Karnaukhov, V. G.
ON NON-AXISYMMETRIC VIBRATIONS OF CONICAL SHELLS. 1965, 8p, 6refs.
Order from CFSTI or ETC: HC$1.10, MF$0.50
as TT-66-60590

Trans. of Prikladnaya Mekhanika (USSR) v1 n11 p12-9 1965.

TT-66-60592 Field 20K

Pozhalostin, A. A.
ON THE ANALYSIS OF THE NATURAL VIBRATIONS FREQUENCIES OF A SHALLOW SPHERICAL SHELL. 1965, 4p, 4refs.
Order from CFSTI or ETC: HC$1.10, MF$0.50
as TT-66-60592

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Mashinostroenie (USSR) n10 p30-4 1965.

TT-66-60597 Field 20K

Kilchevskii, N. A.; Nikulinskaia, S. N.
ON THE AXISYMMETRIC BUCKLING MODE OF A CIRCULAR CYLINDRICAL SHELL. 1965, 7p, 4refs.
Order from CFSTI or ETC: HC$1.10, MF$0.50
as TT-66-60597

Trans. of Prikladnaya Mekhanika (USSR) v1 n11 p1-6 1965.

TT-66-60650 Field 20K

Kopelkin, Yu. D.
FORMULATION OF PROBLEMS OF FINDING STRESS FUNCTIONS WITH THE AID OF BIHARMONIC POTENTIALS. Jan 66, 10p, NASA-TT-F-4-9; N66-14056.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as N66-14056

Trans. of Prikladnaya Mekhanika (USSR) v1 n2 p104-9 1965.

TT-66-60652 Field 20K

Listrova, Yu. P.; Rudis, M. A.
LIMIT EQUILIBRIUM OF NON-HOMOGENEOUS PLATES AND ROTATION SHELLS WITH PIECE-WISE LINEAR PLASTICITY CONDITIONS. Dec 65, 14p, refs.
NASA-TT-F-9453; N66-13478.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as N66-13478

Trans. of Akademiya Nauk SSSR. Izvestiya. Mekhanika, n2 p88-94 1965.

TT-66-60727 Field 20K

Karacharov, K. A.; Pilyutik, A. G.
INTRODUCTION TO THE TECHNICAL THEORY OF STABILITY OF MOTION. 29 Dec 65, 240p, 30refs.
FTD-MT-64-449; AD-629 440.
Order from CFSTI or ETC: HC$23.60, MF$1.25
as AD-629 440

Edited machine trans. of mono. Vvedenie v Tekhnicheskuyu Teoriyu Ustoichivosti Dvizheniya, Moscow, 1962 243p.

TT-66-61533 Field 20K, 17G

Krementulo, V. V.
STABILITY OF THE MOTION OF SOME CONTROLLED GYROSCOPIC DEVICES ON A MOBILE BASE.
Jun 66, 15p, 8refs. AERDL-T-1841; AD-634 515.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-634 515

Trans. of Akademiya Nauk SSSR. Izvestiya. Mekhanika, n2 1965.

TT-66-61591 Field 20K, 12A

Tkachuk, G. I.
INTEGRO-DIFFERENTIAL EQUATIONS OF A PROBLEM FOR EQUILIBRIUM OF SHELLS OF ROTATION OF VARIABLE THICKNESS. 21 Jan 66, 13p, 5refs.
FTD-TT-65-1378; AD-634 840.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-634 840

Unedited rough draft trans. of Prykladna Mekhanika (USSR) v7 n3 p266-71 1961.

L. Solid-state physics

TT-66-60725 Field 20L

NEWS OF INSTITUTIONS OF HIGHER LEARNING. PHYSICS NO. 3, 1964 (SELECTED ARTICLES).
20 Jan 66, 25p, 9refs. FTD-TT-65-1452; AD-629 423.
Order from CFSTI or ETC: HC$2.60, MF$0.50
as AD-629 423

Unedited rough draft trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Fizika (USSR) n3 p134-43 1964.

TT-66-61210 Field 20L

Li Guo-dong.
A STUDY OF THE MAGNETIC PROPERTIES AND FERROMAGNETIC RESONANCE OF THE YTTRIUM-LANTHANUM IRON GARNET SYSTEM. Feb 66, 25p, 31refs. Emm-65-11; AD-632 403.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-632 403

Trans. of Wu Li Hsueh Pao (Chinese People's Republic) v19 n1 p1-10 1963.
Translated under Contract AF 19(628)-5073.

TT-66-61216 Field 20L, 20M

Li Guo-dong; Tan Sheng-shu.
THE EFFECT OF HEAT TREATMENT ON THE FERROMAGNETIC RESONANCE OF LUTECIUM IRON GARNET AND MANGANESE FERRITE SINGLE CRYSTALS.
Mar 66, 20p, 18refs. Emm-65-39; AD-632 409.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-632 409

Trans. of Wu Li Hsueh Pao (Chinese People's Republic) v20 n3 p261-9 1964.

TT-66-61218 Field 20L, 20C

Sun Hsin.
THE INTERACTION OF S-ELECTRONS WITH SPIN WAVES IN A FERROMAGNETIC. Mar 66, 27p, 4refs.
Emm-65-38; AD-632 411.
Order from CFSTI or ETC: HC$2.00, MF$0.50

as AD-632 411

Trans. of Wu Li Hsueh Pao (Chinese People's Republic) v20 n3 p193-206 1964.
An abstract trans. is available from CFSTI or ETC: HC$1.00, MF$0.50 in TT-65-62895 9p.

M. Thermodynamics

TT-66-61226 Field 20M

Walz, A.
CONTRIBUTION TO THE THEORY OF HEAT TRANSFER AT STRONG TEMPERATURE AND PRESSURE GRADIENTS IN THE DIRECTION OF THE FLOW, FOR PLANE ROTATIONALLY SYMMETRICAL BOUNDARY LAYERS. Nov 65, 58p, refs.
NASA-TT-F-9768; N66-18446.
Order from CFSTI or ETC: HC$3.00, MF$0.50
as N66-18446

Trans. of Wiss. Ges fur Luft- und Raumfahrt und Deut. Ges. fur Raketentechnik und Raumfahrt-forschung, Berlin, 14-18 Sep 1964. Paper, n.p., n.d.

N. Wave propagation

TT-65-30647 Field 20N, 4A

Gyunninen, E. M., ed.
PROBLEMS OF WAVE DIFFRACTION AND PROPAGATION. I. PROPAGATION OF RADIO WAVES. 2 Apr 65, 192p, 100refs. JPRS-29418; N65-(21610-21619).
Order from CFSTI or ETC: HC$5.00, MF$1.25
as TT-65-30647

Trans. of mono. Problemy Difraktsii i Rasprostraneniya Voln. 1, Rasprostranenie Radiovoln, Leningrad, 1962 164p.

TT-66-31162 Field 20N

Berbasov, F. N.; Kerblai, T. S.; Kovalevskaya, E. M.; Lyakhova, L. N.
PECULIARITIES OF SHORT-WAVE COMMUNICATION WITH SPACESHIPS. 25 Mar 66, 14p, 10refs.
JPRS-34723.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-31162

Trans. of mono. Vsesoyuznaya Konferentsiya po Fizike Kosmicheskogo Prostranstva. Moscow 10-16 Jun 1965. Trudy, Moscow, 1965, p220-7. Transactions of the All-Union Conference on Space Physics (10-16 Jun 1965).

TT-66-32800 Field 20N

Kokurin, Yu. L.; Kovura, Yu. A.
MEASURING IRREGULAR REFRACTION OF RADIO WAVES IN THE IONOSPHERE BY SIGNALS FROM ARTIFICIAL EARTH SATELLITES. 8 Jul 66, 11p.
JPRS-36368.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32800

Trans. of Radiotekhnika i Elektronika (USSR) v11 n3 p439-44 1966.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-32844 Field 20N

Semenova, A. A.; Arsenyan, T. I.
INVESTIGATION OF THE PROPERTIES OF FIELD FLUCTUATIONS OF ULTRASHORT RADIO WAVES DURING PROPAGATION IN THE TROPOSPHERE.
11 Jul 66, 30p, 30refs. JPRS-36412.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32844

Trans. of Meteorologicheskie Issledovaniya (USSR) n9 p203-22 1965.

21 PROPULSION AND FUELS

B. Combustion and ignition

TT-65-63100 Field 21B

HEAT PHYSICS AND HEAT ENGINEERING: SELECTED ARTICLES. 22 Jul 65, 41p, 21refs. FTD-MT-65-73; AD-619 477
Order from CFSTI or ETC: HC$2.00, MF$0.50
as AD-619 477

Edited machine trans. of mono. Teplofizika i Teplotekhnika, Kiev, 1964 p154-76, 202-6, 215-22 1964.

TT-65-64615 Field 21B

Komov, V. F.; Troshin, Ya. K.
STRUCTURE AND MECHANISM OF DETONATION OF HETEROGENOUS SYSTEMS. 1965, 7p, 12refs.
DI-Trans-2752.
Order from CFSTI or ETC: HC$1.10, MF$0.50
as TT-65-64615

Trans. of Akademiya Nauk SSSR, Doklady, v162 n1 p133-5 1965.

TT-66-60361 Field 21B

Mikulin, A. A.; Zagryazkin, N. N.
EXPERIMENTAL COMBUSTION CHAMBER WITH WATER COOLING. 3 Jan 66, 18p, 1ref.
FTD-TT-65-1282; AD-627 071.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-627 071

Unedited rough draft trans. of Akademiya Nauk SSSR. Institut Dvigatelei. Trudy, v5 p27-33 1960.

C. Electric propulsion

TT-66-60659 Field 21C

Berestov, Yu.
PLASMA ENGINES AND THEIR POTENTIALITIES.
Dec 65, 16p, refs. NASA-TT-F-9798; N66-13485.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as N66-13485

Trans. of Aviatsiya i Kosmonavtika (USSR) v48 n8 p64-9 1965.

D. Fuels

TT-66-30652 Field 21D, 5I

Ovezov, B.
USSR INDUSTRIAL DEVELOPMENT GENERAL INFORMATION ON SOVIET INDUSTRY NO. 35. 21 Feb 66, 18p.
JPRS-34211.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-30652

Trans. of Neftyanoe Khozyaistvo (USSR) v42 n11 p1-5 1965 and Ekonomicheskaya Gazeta (USSR) n50(227) p4-5 1965.

TT-66-32517 Field 21D, 11F, 13K, 7A, 13H, 10A

EAST EUROPEAN MATERIALS INDUSTRIES: TRANSLATIONS NO. 293. 20 Jun 66, 210p, refs. JPRS-36083.
Order from CFSTI or ETC: HC$6.00, MF$1.25
as TT-66-32517

TT-66-32622 Field 21D, 10A, 5C

EAST EUROPEAN MATERIALS INDUSTRIES: TRANSLATIONS NO. 295. 27 Jun 66, 57p. JPRS-36189.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-32622

E. Jet and gas turbine engines

TT-66-60734 Field 21E

Shatil, A. A.; Murashko, V. D.
ON THE APPROXIMATE MODELING OF COMBUSTION CHAMBERS OF GAS TURBINES ON NATURAL GAS. 18 Feb 66, 20p, 17refs. FTD-TT-65-1777; AD-629 474.
Order from CFSTI or ETC: HC$1.60, MF$0.50
as AD-629 474

Unedited rough draft trans. of Teploenergetika (USSR) n7 p54-8 1965.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-61657 Field 21E, 20M

Opredelenie, I. S.
DETERMINING THE TEMPERATURE FIELD OF TURBINE BLADES WITH LONGITUDINAL AIR COOLING ON THE BASIS OF ASYMPTOTIC METHODS OF ANALYSIS (Opredelenie Temperaturnogo Polya Turbinnikh Lopatok s Prodolnym Vozdushnym Okhlazhdeniem na Osnove Asimptoticheskikh Metodov Analiza). 11 May 66, 15p, 9refs. ATD-66-51; AD-635 071.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-635 071

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Aviatsionnaya Tekhnika (USSR) n3 p98-107 1965.

H. Rocket motors and engines

TT-66-61194 Field 21H

Zeldovich, Ya. B.; Rivin, M. A.; Frank-Kamenetskii, D. A.
IMPULSE OF REACTIVE FORCE OF SOLID PROPELLANT ROCKETS. 31 Jan 66, 194p, 14refs. FTD-MT-65-244; AD-632 233.
Order from CFSTI or ETC: HC$5.00, MF$1.00
as AD-632 233

Edited machine trans. of mono. Impuls Reaktivnoi Sily Porokhovykh Raket, Moscow, 1963 191p.

22 SPACE TECHNOLOGY

A. Astronautics

TT-66-60483 Field 22A

Shebalin, O.
SCIENTISTS' LABORATORY IN SPACE. 5 Nov 65, 7p. FTD-TT-65-709; AD-627 854.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-627 854

Unedited rough draft trans. of Tekhnika Molodezhi (USSR) v32 n11 p21 1964.

B. Spacecraft

TT-65-32293 Field 22B

Quetard, Mr.
STRUCTURE OF THE D-1 SATELLITE. 1 Sep 65, 9p. JPRS-31798.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-32293

Trans. of Air et Cosmos (France) n114 p14-5, 46 1965.